Memorandum

To: Mr. Le

From: Kimberly Johnson

Date: 7/31/02

Re: Litigation search request 5,600,672

Attached please find the results of your litigation search. Please feel free to contact me if you have additional questions or concerns. Thank you and have a great day.

Kimberly Johnson TIS EIC 2600 305-4071

Query/Command: prt max legalall

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1/1 PLUSPAT - @QUESTEL-ORBIT - image
PN
           US5600672 A 19970204 [US5600672]
ΤI
           (A) Communication system
PA
           (A) MATSUSHITA ELECTRIC IND CO LTD (JP)
IN
           (A) OSHIMA MITSUAKI (JP); SAKASHITA SEIJI (JP)
AP
           US24052194 19940510 [1994US-0240521]
PR
           US24052194 19940510 [1994US-0240521]
           JP6279891 19910327 [1991JP-0062798]
           JP9581391 19910425 [1991JP-0095813]
           JP15565091 19910529 [1991JP-0155650]
           JP18223691 19910723 [1991JP-0182236]
           JP6073992 19920317 [1992JP-0060739]
           JP13298493 19930510 [1993JP-0132984]
           JP26161293 19930924 [1993JP-0261612]
           JP34997293 19931227 [1993JP-0349972]
           JP7966894 19940324 [1994JP-0079668]
           US85762792 19920325 [1992US-0857627]
IC
           (A) H04B-001/38 H04L-005/16
EC
           H04L-001/00B1
           H04L-027/02
           H04L-027/04
           H04L-027/18M
           H04L-027/26M1
           H04L-027/26M1E
           H04L-027/34
           H04L-027/34M
           H04L-027/38N2
           H04N-005/44N
           H04N-007/24A
           H04N-007/26E
           H04N-007/54
PCL
           ORIGINAL (O): 375219000; CROSS-REFERENCE (X): 375270000 375301000 375321000
DT
           Basic
CT
           US5164963
           Shanmugam, "Digital and Analog Communication Systems" 1979, p. 272.
STG
           (A) United States patent
AB
           At the transmitter side, carrier waves are modulated according to an input signal for producing
           relevant signal points in a signal space diagram. The input signal is divided into, two, first and
           second, data streams. The signal points are divided into signal point groups to which data of
           the first data stream are assigned. Also, data of the second data stream are assigned to the
           signal points of each signal point group. A difference in the transmission error rate between
           first and second data streams is developed by shifting the signal points to other positions in the
           space diagram expressed at least in the polar coordinate system. At the receiver side, the first
           and/or second data streams can be reconstructed from a received signal. In TV broadcast
           service, a TV signal is divided by a transmitter into low and high frequency band components
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which are designated as first and second data streams respectively. Upon receiving the TV

signal, a receiver can reproduce only the low frequency band component or both the low and high frequency band components, depending on its capability. Furthermore, a communication system based on an OFDM system is utilized for data transmission of a plurality of subchannels, wherein the subchannels are differentiated by changing the length of a guard time slot or a carrier wave interval of a symbol transmission time slot, or changing the transmission electric power of the carrier.

1/1 LGST - ©LEGSTAT

PN - US 5600672 [US5600672]

DT - US-P

ACT - 20020702 US/RF

REISSUE APPLICATION FILED

20020429

UP - 2002-30

1/1 CRXX - @CLAIMS/RRX

PN - 5,600,672 A 19970204 [US5600672]

PA - Matsushita Electric Industrial Co Ltd JP

ACT - 19990204 REISSUE REQUESTED

ISSUE DATE OF O.G.: 19990420

REISSUE REQUEST NUMBER: 09/244037

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000915 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001114
REISSUE REQUEST NUMBER: 09/662695
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000919 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001114
REISSUE REQUEST NUMBER: 09/666012
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000921 REISSUE REQUESTED ISSUE DATE OF O.G.: 20001114

REISSUE REQUEST NUMBER: 09/667438
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000921 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010102
REISSUE REQUEST NUMBER: 09/667525
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000925 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010313
REISSUE REQUEST NUMBER: 09/668068
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000925 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010403
REISSUE REQUEST NUMBER: 09/669916
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000929 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010213
REISSUE REQUEST NUMBER: 09/672948
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20000929 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010501
REISSUE REQUEST NUMBER: 09/672947
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001005 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001128
REISSUE REQUEST NUMBER: 09/678014
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001005 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001226
REISSUE REQUEST NUMBER: 09/677420
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001005 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001226
REISSUE REQUEST NUMBER: 09/677421
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001005 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010522
REISSUE REQUEST NUMBER: 09/680176
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001005 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010605
REISSUE REQUEST NUMBER: 09/680177
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001012 REISSUE REQUESTED ISSUE DATE OF O.G.: 20001128

REISSUE REQUEST NUMBER: 09/686464 EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001012 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20001128
REISSUE REQUEST NUMBER: 09/688028
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

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ISSUE DATE OF O.G.: 20010102
REISSUE REQUEST NUMBER: 09/686463
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001012 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010102
REISSUE REQUEST NUMBER: 09/686466
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001012 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010102
REISSUE REQUEST NUMBER: 09/686467
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20001012 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20010130
REISSUE REQUEST NUMBER: 09/686465
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20020429 REISSUE REQUESTED ISSUE DATE OF O.G.: 20020611

REISSUE REQUEST NUMBER: 10/133364

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

20020429 REISSUE REQUESTED ISSUE DATE OF O.G.: 20020702

REISSUE REQUEST NUMBER: 10/133347

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2614

Reissue Patent Number:

1/14 PAST - ©Thomson Derwent

AN - 200227-001786

PN - 5600672 A [US5600672]

OG - 2002-07-02

ACT - REISSUE APPLICATION FILED

2/14 PAST - ©Thomson Derwent

AN - 200224-001835

PN - 5600672 A [US5600672]

OG - 2002-06-11

ACT - REISSUE APPLICATION FILED

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OG - 2001-06-05

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OG - 2001-02-13

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AN - 200105-001126

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OG - 2001-01-30

ACT - REISSUE APPLICATION FILED

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AN - 200101-001072

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OG - 2001-01-02

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OG - 2000-11-28

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OG - 2000-11-14

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14/14 PAST - ©Thomson Derwent

AN - 199916-001183

PN - 5600672 A [US5600672]

OG - 1999-04-20

ACT - REISSUE APPLICATION FILED

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5600672

Library: PATENT
File: ALL

<=1> GET 1st DRAWING SHEET OF 178

February 4, 1997

Communication system

REISSUE: October 5, 2000 - Reissue Application filed Oct. 5, 2000 (O.G. Jun. 5, 2001) Ex. Gp.: 2614; Re. S.N. 09/680,177Reissue Application filed Oct. 5, 2000 (O.G. May 22, 2001) Ex. Gp.: 2614; Re. S.N. 09/680, 176Reissue Application filed Sep. 29, 2000 (O.G. May 1, 2001) Ex. Gp.: 2614; Re. S.N. 09/672,947Reissue Application filed Sep. 25, 2000 (O.G. Apr. 3, 2001) Ex. Gp.: 2614; Re. S.N. 09/669,916Reissue Application filed Sep. 25, 2000 (O.G. Mar. 13, 2001) Ex. Gp.: 2614; Re. S.N. 09/668, 068Reissue Application filed Sep. 29, 2000 (O.G. Feb. 13, 2001) Ex. Gp.: 2614; Re. S.N. 09/672,948Reissue Application filed Oct. 12, 2000 (O.G. Jan. 30, 2001) Ex. Gp.: 2614; Re. S.N. 09/686,465Reissue Application Filed Oct. 12, 2000 (O.G. Jan. 2, 2001) Ex. Gp.: 2614; Re. S.N. 09/686, 467Reissue Application Filed Oct. 12, 2000 (O.G. Jan. 2, 2001) Ex. Gp.: 2614; Re. S.N. 09/686,466Reissue Application Filed Oct. 12, 2000 (O.G. Jan. 2, 2001) Ex. Gp.: 2614; Re. S.N. 09/686,466Reissue Application Filed Oct. 12, 2000 (O.G. Jan. 2, 2001) Ex. Gp.: 2614; Re. S.N. 09/686,463Reissue Application Filed Sep. 21, 2000 (O.G. Jan. 2, 2001) Ex. Gp.: 2614; Re. S.N. 09/667, 525Reissue Application filed Oct. 5, 2000 (O.G. Dec. 26, 2000) Ex. Gp.: 2614; Re. S.N. 09/677,420Reissue Application filed Oct. 12, 2000 (O.G. Nov. 28, 2000) Ex. Gp.: 2614; Re. S.N. 09/688,028Reissue Application filed Oct. 12, 2000 (O.G. Nov. 28, 2000) Ex. Gp.: 2614; Re. S.N. 09/686, 464Reissue Application filed Oct. 5, 2000 (O.G. Nov. 28, 2000) Ex. Gp.: 2614; Re. S.N. 09/678,014Reissue Application filed Sep. 21, 2000 (O.G. Nov. 14, 2000) Ex. Gp.: 2614; Re. S.N. 09/667,438Reissue Application filed Sep. 19, 2000 (O.G. Nov. 14, 2000) Ex. Gp.: 2614; Re. S.N. 09/666, 012Reissue Application filed Sep. 15, 2000 (O.G. Nov. 14, 2000) Ex. Gp.: 2614; Re. S.N. 09/662,695Reissue Application filed Feb. 4, 1999 (O.G. Apr. 20, 1999) Ex. Gp.: 2614; Re. S.N. 09/244,037June 5, 2001; April 29, 2002 - Reissue Application filed Ex. Gp.: 2614; Re. S.N. 10/133,364June 11, 2002; April 29, 2002 - Reissue Application filed Ex. Gp.: 2614; Re. S.N. 10/133,347July 2, 2002

APPL-NO: 08240521

FILED-DATE: May 10, 1994

LEXIS-NEXIS
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File: CASES

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5,600,672 OR 5600672

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5,600,672 OR 5600672

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S2 1 PN=US 5600675
S3 1 PN=US 5600672
?t 3/39/1
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3/39/1

DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat (c) 2002 EPO. All rts. reserv.

14464905

Basic Patent (No, Kind, Date): EP 506400 A2 19920930 <No. of Patents: 439> Patent Family:

Patent No	Kind	Date	Applic No Kind	Date	
AT 205032	E	20010915	EP 93307575	Α	19930924
AT 214214	E	20020315	EP 2000114692	Α	19930326
AT 214215	E	20020315	EP 2000114699	Α	19930326
AT 214216	Ε	20020315	EP 2000114702	Α	19930326
AT 214217	E	20020315	EP 2000114700	Α	19930326
AT 214218	E	20020315	EP 2000114695	Α	19930326
AT 216812	E	20020515	EP 2000114689	A	19930326
AT 216813	E	20020515	EP 2000114690	A	19930326
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    Author (Inventor): OSHIMA MITSUAKI (JP)
    Priority (No, Kind, Date): JP 92256070 A
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    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP)
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 Author (Inventor): OSHIMA MITSUAKI (JP)
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 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
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 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
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 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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 Priority (No, Kind, Date): JP 9267934 A 19920326; JP 92256070 A
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 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
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   MEHRTRAEGERSIGNALEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9267934 A 19920326; JP 92256070 A
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    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
    Author (Inventor): OSHIMA MITSUAKI
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                HO4N-007/20; HO4N-007/12; HO4N-005/40; HO4N-005/455;
      H04B-007/204; H04B-007/216; H04B-007/17; H04L-001/00; H03M-013/00
    Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
    Language of Document: English
CANADA (CA)
  Patent (No, Kind, Date): CA 2092495 AA 19930927
    COMMUNICATION SYSTEM (English; French)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP)
                                                  19920326; JP 92256070 A
    Priority (No, Kind, Date): JP 9267934 A
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    Applic (No, Kind, Date): CA 2092495 A 19930325
    IPC: * H04B-007/24; H04N-005/76; H04N-009/80
    Language of Document: English
  Patent (No, Kind, Date): CA 2106919 AA 19940326
    COMMUNICATION SYSTEM (English; French)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP)
    Priority (No, Kind, Date): JP 92256070 A 19930325; JP 93132984 A 19930510
                                                  19920925; JP 9366461 A
    Applic (No, Kind, Date): CA 2106919 A 19930924
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    Derwent WPI Acc No: * G 93-305235
    Language of Document: English
  Patent (No, Kind, Date): CA 2113842 AA 19940722
    RECORDING AND REPRODUCING APPARATUS (English; French)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
       TOSHIKAZU (JP); YOSHIURA TSUKASA
                                               (JP); MATSUURA TAKUMI (JP);
      TANAKA MITIRO (JP); TAN SATOSHI (JP)
    Priority (No,Kind,Date): JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
      93297504 A
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    Applic (No, Kind, Date): CA 2113842 A 19940119
    IPC: * G11B-007/24; G11B-007/125; G11B-005/10
    Derwent WPI Acc No: * G 93-313529
Language of Document: English
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    INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME
      (English; French)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
                                                                        (JP);
      USHIGOME HISASHI (JP)
       ority (No, Kind, Date): JP 938596 A 19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
    Priority (No, Kind, Date):
      93297504 A 19931102; JP 93314114 A 19931119
    Applic (No, Kind, Date): CA 2113877 A 19940120
    IPC: * G11B-007/24; G11B-007/26
    Derwent WPI Acc No: * G 93-313529
Language of Document: English
  Patent (No, Kind, Date): CA 2119983 AA 19940926
    COMMUNICATION SYSTEM (English; French)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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19920925

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Author (Inventor): OSHIMA MITSUAKI (JP)
    Priority (No, Kind, Date): JP 9366461 A 19930325; JP 9313298
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                                                 19930325; JP 93132984 A
    Applic (No, Kind, Date): CA 2119983 A 19940325
    IPC: * H04N-007/12
    Derwent WPI Acc No: * G 94-103292
    Language of Document: English
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    INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING THE SAME
      (English; French)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): USHIGOME HISASHI (JP); KOMODA HIDEAKI (JP);
      OSHIMA MITSUAKI (JP)
                                                   19940120; JP 938596 A
    Priority (No, Kind, Date): CA 2113877
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       19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
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    Applic (No, Kind, Date): CA 2226398 A 19940120
    IPC: * G11B-007/00; G11B-007/28
    Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451
    Language of Document: English
TAIWAN (TW)
  Patent (No, Kind, Date): TW 462039 B
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    Patent Assignee: MATSUSHITA ELECTRONICS CORP (JP)
    Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
    Priority (No, Kind, Date): JP 93205682 A 19930727; WO 94JP2304 W
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    Applic (No, Kind, Date): TW 86102384 A
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    IPC: * G11B-019/02
    Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G 95-246541; G 95-341616; G 96-062972; G 98-181451; G 01-018026
CHINA (CN)
  Patent (No, Kind, Date): CN 1066946 A
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    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): MITSUAKI OSHIMA (JP)
                                                  19910327; JP 91182236 A
    Priority (No, Kind, Date): JP 9162798 A
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    Applic (No, Kind, Date): CN 92102955 A
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    IPC: * H04B-001/00; H04N-007/13
    Derwent WPI Acc No: * G 92-325674
Language of Document: Chinese
  Patent (No, Kind, Date): CN 1075024 A
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    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): OSHIMA MITSUAKI (JP)
    Priority (No, Kind, Date): JP 9213809 A
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    Applic (No, Kind, Date): CN 93100918 A
    IPC: * G11B-011/00
    Derwent WPI Acc No: * G 93-251292; G 93-313529
    Language of Document: Chinese
  Patent (No, Kind, Date): CN 1076816 A
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    SYSTEM OF COMMUNICATION (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
    Author (Inventor): TAISHIMA MITSUTERU (JP)
    Priority (No, Kind, Date): JP 9267934 A
                                                  19920326; JP 92246070 A
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    Applic (No, Kind, Date): CN 93102721 A
    IPC: * HO4B-007/00; HO4N-007/12; HO4N-011/00
    Derwent WPI Acc No: * G 93-305235
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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TANAKA MICHIRO
                                                                (JP);
   SHIMIZU RYOSUKE (JP)
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 Priority (No, Kind, Date): JP 938596
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 Applic (No, Kind, Date): CN 93105219 A
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 IPC: * G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G 94-242360; G 95-341616; G 96-062972; G 98-181451
 JAPIO Reference No: * 180121P000165; 180264P000063; 180522P000136;
   180618P000070
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1096389 A
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 RECORDING AND REPRODUCING APPTS. (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
   TOSHIKAZU (JP)
 Priority (No, Kind, Date): JP 938596
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 IPC: * G11B-011/12
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 Language of Document: Chinese
Patent (No, Kind, Date): CN 1098810 A
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 APPARATUS FOR REGENERATION OF RECORDING AND RECORDING MEDIUM AND
   MANUFACTURE OF SAME (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                         (JP); KOMODA HIDEAKI
                                                                  (JP):
   USHIGOME HISASHI (JP)
 Priority (No, Kind, Date): JP 938596
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 Applic (No, Kind, Date): CN 94101336 A
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 IPC: * G11B-007/24; G11B-011/12
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   94-250560; G 95-116722
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1099544 A 19950301
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9366461 A
                                             19930325; JP 93261612 A
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 Applic (No, Kind, Date): CN 94103352 A
                                        19940325
 IPC: * HO4N-007/08; HO4L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1119895 A 19960403
 OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
   REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL
   DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
   (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
                                                  (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI
                                                        (JP)
 Priority (No, Kind, Date): JP 93335165 A 19931228; JP 94299508 A
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 Applic (No, Kind, Date): CN 94191566 A
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 Derwent WPI Acc No: * G 95-246541
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1127049 A
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 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
   INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO
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 Priority (No, Kind, Date): JP 94104879 A 19940418; JP 94283415 A
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Applic (No, Kind, Date): CN 95190313 A 19950418
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
   ; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
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 Language of Document: Chinese
Patent (No, Kind, Date): CN 1138915 A
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 MARKING GENERATING APPTS., METHOD OF FORMING LASER MARKING ON OPTICAL
   DISK, REPRODUCING APPTS., OPTICAL DISK AND OPTICAL DISK PRODUCING
   METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC INDUTRIAL (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIHO GOTOH (JP)
 Priority (No, Kind, Date): JP 94283415 A 19941117; JP 9516153 A
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 Applic (No, Kind, Date): CN 95191218 A
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 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1166223 A
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 OPTICAL DISK, OPTICAL RECORDER, OPTICAL PRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OSHIMA (JP); YOSHIO GOTOH (JP); SHINICHI
   TANAKA (JP)
                           JP 96211304 A 19960809; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A
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 Applic (No, Kind, Date): CN 96191182 A
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 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1173942 A
                                     19980218
 OPTICAL DISK, OPTICAL REOCORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORZING SYSTEM FOR USE OF PROGRAM
   (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor):
                      MITSUAKI OSHIMA
                                        (JP); YOSHIHHO GOTOH
                                                                 (JP);
   SHINICHI TANAKA (JP)
                          JP 95261247
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                                               19951009; JP 968910 A
 Priority (No, Kind, Date):
   19960123
 Applic (No, Kind, Date): CN 96191826 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1250278 A
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 TELECOMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUTERU DAIJIMA (JP)
 Priority (No, Kind, Date): JP 9366461 A
                                             19930325; JP 93132984 A
   19930510; JP 93261612 A
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 Applic (No, Kind, Date): CN 99108470 A
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 IPC: * H04J-001/00; H04L-027/00; H04N-011/24
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1305310 A
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 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OTORI (JP)
 Priority (No, Kind, Date): JP 9366461 A
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 Applic (No, Kind, Date): CN 2000133827 A
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 Language of Document: Chinese
Patent (No, Kind, Date): CN 1305311 A
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 COMMUNICATION SYSTEM (English)
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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MITSUAKI OTORI (JP)
 Priority (No, Kind, Date): JP 9366461 A
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 Applic (No, Kind, Date): CN 2000133828 A
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 IPC: * H04N-007/08; H04L-027/32
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 Language of Document: Chinese
Patent (No, Kind, Date): CN 1305312 A
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 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): MITUAKI OTORI (JP)
                                            19930325; JP 93132984 A
 Priority (No, Kind, Date): JP 9366461 A
   19930510; JP 93261612 A 19930924
 Applic (No, Kind, Date): CN 2000133829 A
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 IPC: * H04N-007/08; H04L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G
    00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G
     01-063440; G 01-063441
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1305313 A
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): MITUAKI OTORI (JP)
 Priority (No, Kind, Date): JP 9366461 A
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 Applic (No, Kind, Date): CN 2000133830 A
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 IPC: * H04N-007/08; H04L-027/32
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G
    00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G
     01-063440; G 01-063441
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1342979 A
                                      20020403
 RECORDING DEVICE, RECORDING MEDIUM AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): MATSUAKI OSHIMA (JP); YOSHIMINORU GOTO (JP)
 Priority (No, Kind, Date): JP 94104879 A 19940418; JP 94283415 A
    19941117; JP 94327963' A
                                19941228; JP 9515318 A
                                                         19950201; JP
               19950203
 Applic (No, Kind, Date): CN 2001123049 A 20010720
 IPC: * G11B-020/10; G11B-019/02; G11B-013/04
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
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 Language of Document: Chinese
Patent (No, Kind, Date): CN 1032099 B
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 SYSTEM OF COMMUNICATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): TAISHIMA MITSUTERU (JP)
 Priority (No, Kind, Date): JP 9267934 A
                                             19920326; JP 92256070 A
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 Applic (No, Kind, Date): CN 93102721 A
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 IPC: * H04B-007/00; H04N-007/12; H04N-011/00
 Derwent WPI Acc No: * G 93-305235; G 94-103292
 JAPIO Reference No: * 180486E000144
 Language of Document: Chinese
Patent (No, Kind, Date): CN 1036952 B
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 RECORD REPLAYING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                      MITSUAKI OSHIMA
                                        (JP); MICHIRO TANAKA
 Author (Inventor):
   RYOSUKE SHIMIZU (JP)
 Priority (No, Kind, Date): JP 938596
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                                              19930121; JP 9268031 A
    19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP
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   Language of Document: Chinese
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   TRANSMISSION APPARATUS (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): MITSUAKI OSHIMA (JP)
   Priority (No, Kind, Date): JP 9162798 A
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     19910723; JP 91155650 A 19910529; JP 9195813 A 19910425
   Applic (No, Kind, Date): CN 92102955 A
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   IPC: * H04B-001/00; H04N-007/13
   Derwent WPI Acc No: * G 92-325674; G 97-195354
   JAPIO Reference No: * 180152E000002
   Language of Document: Chinese
GERMANY (DE)
 Patent (No, Kind, Date): DE 69223541 CO 19980129
   SIGNALUEBERTRAGUNGSSYSTEM (German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A
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   Applic (No, Kind, Date): DE 69223541 A 19920326
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   Derwent WPI Acc No: * G 92-325674; G 97-195354
   JAPIO Reference No: * 180152E000002
   Language of Document: German
  Patent (No, Kind, Date): DE 69232523 CO 20020502
   SIGNALUEBERTRAGUNGSSYSTEM (German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
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   Priority (No, Kind, Date): JP 9162798 A
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   Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
     00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
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   Language of Document: German
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   SIGNALUEBERTRAGUNGSSYSTEM (German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A
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   Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
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   Language of Document: German
  Patent (No, Kind, Date): DE 69232527 CO 20020502
   SIGNALUEBERTRAGUNGSSYSTEM (German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 9162798 A
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00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
   00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: German
Patent (No, Kind, Date): DE 69232529 CO 20020502
 SIGNALUEBERTRAGUNGSSYSTEM (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9162798 A
                                          19910327; JP 9195813 A
   19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
   9260739 A
               19920317
 Applic (No, Kind, Date): DE 69232529 A
                                        19920326
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
   00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
   00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: German
Patent (No, Kind, Date): DE 69232530 CO 20020502
 SIGNALUEBERTRAGUNGSSYSTEM (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A
   19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
   9260739 A
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 Applic (No, Kind, Date): DE 69232530 A 19920326
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
   00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
   00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: German
Patent (No, Kind, Date): DE 69330665 CO 20011004
 MEHRFACHAUFLOESUNGSUEBERTRAGUNGSSYSTEM (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 92256070 A
                                           19920925; JP 9366461 A
   19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): DE 69330665 A
                                        19930924
 IPC: * H04L-001/00; H04L-027/18
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
   94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
   00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
   00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G
   01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: German
Patent (No, Kind, Date): DE 69331667 CO 20020411
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN BEI VERWENDUNG VON
   MEHRTRAEGERSIGNALEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9267934 A
                                         19920326; JP 92256070 A
   19920925
 Applic (No, Kind, Date): DE 69331667 A 19930326
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
Patent (No, Kind, Date): DE 69331668 CO 20020411
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN SOWIE FEHLERKORRIGIERENDE
   KODIERUNG BEI MEHRTRAEGERMODULATION (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9267934 A
                                          19920326; JP 92256070 A
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 Applic (No, Kind, Date): DE 69331668 A 19930326
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No, Kind, Date): DE 69331669 CO 20020411
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN, INSBESEONDERE MIT
   MEHRTAEGERSIGNALEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
                                           19920326; JP 92256070 A
 Priority (No, Kind, Date): JP 9267934 A
   19920925
 Applic (No, Kind, Date): DE 69331669 A 19930326
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
Patent (No, Kind, Date): DE 69331670 CO 20020411
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN UND FEHLERKORRIEGIERENDE
   KODIERUNG MIT MEHRTRAEGERSIGNALEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
                                          19920326; JP 92256070 A
 Priority (No, Kind, Date): JP 9267934 A
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 Applic (No, Kind, Date): DE 69331670 A
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        H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
   00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No, Kind, Date): DE 69331671 CO 20020411
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN BEI MEHRTRAEGERSIGNALEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9267934 A
                                          19920326; JP 92256070 A
   19920925
 Applic (No, Kind, Date): DE 69331671 A
                                          19930326
        H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
   00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
Patent (No, Kind, Date): DE 69331853 CO 20020529
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN SOWIE FEHLERKORRIGIERENDE
   KODIERUNG, BEI MEHRTRAEGERSIGNALEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
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Priority (No, Kind, Date): JP 9267934 A 19920326; JP 92256070 A
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 Applic (No, Kind, Date): DE 69331853 A
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 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
Language of Document: German
Patent (No, Kind, Date): DE 69331854 CO 20020529
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN SOWIE FEHLERKORRIGIERENDE
   KODIERUNG, BEI MEHRTRAEGERSIGNALEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9267934 A
                                          19920326; JP 92256070 A
    19920925
                                          19930326
 Applic (No, Kind, Date): DE 69331854 A
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441; G 02-050566
  JAPIO Reference No: * 180486E000144
 Language of Document: German
Patent (No, Kind, Date): DE 69331855 CO 20020529
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN, INSBESONDERE MIT
   MEHRTRAEGERSIGNALEN (German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
                                           19920326; JP 92256070 A
 Priority (No, Kind, Date): JP 9267934 A
    19920925
 Applic (No, Kind, Date): DE 69331855 A
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 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
    01-063441; G 02-050566
  JAPIO Reference No: * 180486E000144
 Language of Document: German
Patent (No, Kind, Date): DE 69331856 CO 20020529
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN SOWIE FEHLERKORRIGIERENDE
   KODIERUNG, BEI MEHRTRAEGERMODULATION (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
                                                   (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9267934 A
                                           19920326; JP 92256070 A
    19920925
                                         19930326
 Applic (No, Kind, Date): DE 69331856 A
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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    00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
    00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
    01-063441; G 02-050566
  JAPIO Reference No: * 180486E000144
 Language of Document: German
Patent (No, Kind, Date): DE 69331857 CO 20020529
  UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN, INSBESONDERE BEI
   MEHRTRAEGERSIGNALEN (German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
  Author (Inventor): OSHIMA MITSUAKI (JP)
                                           19920326; JP 92256070 A
  Priority (No, Kind, Date): JP 9267934 A
    19920925
  Applic (No, Kind, Date): DE 69331857 A
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  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
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   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
Patent (No, Kind, Date): DE 69331858 CO 20020529
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN BEI MEHRTRAEGERSIGNALEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9267934 A
                                         19920326; JP 92256070 A
   19920925
 Applic (No, Kind, Date): DE 69331858 A
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 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
Patent (No, Kind, Date): DE 69331859 CO 20020529
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN SOWIE FEHLERKORRIGIERENDE
   KODIERUNG, BEI MEHRTRAEGERSIGNALEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9267934 A
                                        19920326; JP 92256070 A
   19920925
 Applic (No, Kind, Date): DE 69331859 A 19930326
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
Patent (No, Kind, Date): DE 69331860 CO 20020529
 UEBERTRAGUNG MIT MEHREREN AUFLOESUNGEN BEI MEHRTRAEGERSIGNALEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9267934 A
                                          19920326; JP 92256070 A
   19920925
 Applic (No, Kind, Date): DE 69331860 A
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 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: German
Patent (No, Kind, Date): DE 69426795 CO 20010412
 AUFZEICHNUNGS- UND WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93205682 A 19930727; JP 94104879 A
   19940418; JP 94156089 A
                            19940707; JP 93297504 A
   93314114 A
               19931119
 Applic (No, Kind, Date): DE 69426795 A
                                        19940727
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
   ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
   95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
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 Language of Document: German
Patent (No, Kind, Date): DE 69523139 CO 20011115
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GERAET ZUR ERZEUGUNG EINER MARKIERUNG, VERFAHREN ZUR ERZEUGUNG EINER
   LASERMARKIERUNG AUF EINER OPTISCHEN PLATTE, OPTISCHE PLATTE UND
   VERFAHREN ZU DEREN HERSTELLUNG (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): JP 94283415 A 19941117; JP 9516153 A
   19950202; JP 95261247 A
                             19951009; WO 95JP2339 W
                                                        19951116
 Applic (No, Kind, Date): DE 69523139 A 19951116
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
   ; G11B-007/09; G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
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 Language of Document: German
Patent (No, Kind, Date): DE 69610859 CO 20001207
 OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A
                                          19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69610859 A 19960515
        G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69610860 CO 20001207
 OPTISCHE SCHEIBE DIE INFORMATION IN DER FORM EINES STRICHKODES TRAEGT
   (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A
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 Applic (No, Kind, Date): DE 69610860 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69610861 CO 20001207
 OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A
                                          19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69610861 A
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        G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69611906 CO 20010405
 OPTISCHE PLATTE MIT STRICHKODE (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI
            (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123; WO 96JP1303 W
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 Applic (No, Kind, Date): DE 69611906 A
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 IPC: * G11B-007/007; G11B-007/24; G06K-019/00; G11B-020/10;
   G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69613010 CO 20010628
 OPTISCHES AUFZEICHNUNGSGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI (JP)
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Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): DE 69613010 A
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        G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
 IPC: *
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69613011 CO 20010628
 OPTISCHES AUFZEICHNUNGSGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): JP 95261247 A
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 Applic (No, Kind, Date): DE 69613011 A 19961008
        G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69613156 CO 20010705
 OPTISCHES WIEDERGABEGERAET ZUR WIEDERGABE VERSCHLUESSELTER
   INFORMATIONEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
             (JP)
 Priority (No, Kind, Date): JP 95261247 A
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   19960123; JP 96211304 A
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 Applic (No, Kind, Date): DE 69613156 A 19961008
        G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69614580 CO 20010920
 WIEDERGABEGERAET FUER OPTISCHE PLATTEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A
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   19960123
 Applic (No, Kind, Date): DE 69614580 A
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         G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69614823 CO 20011004
 AUFZEICHNUNGSGERAET FUER OPTISCHE PLATTEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
              (JP)
 Priority (No, Kind, Date): JP 95261247 A
                                          19951009; JP 968910 A
   19960123; JP 96211304 A 19960809; WO 96JP2924 W
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 Applic (No, Kind, Date): DE 69614823 A 19961008
 IPC: *
         G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69615418 CO 20011025
 OPTISCHE PLATTE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A
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 Applic (No, Kind, Date): DE 69615418 A
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 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
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; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69617478 CO 20020110
 OPTISCHE PLATTE UND GERAET ZUR WIEDERGABE OPTISCHER PLATTEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                                         (JP); TANAKA
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69617478 A
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 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
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 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69618633 CO 20020221
 OPTISCHE PLATTE UND GERAET ZUR WIEDERGABE OPTISCHER PLATTEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69618633 A
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 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69618672 CO 20020228
 OPTISCHE PLATTE ZUR ANWENDUNG IN EINEM VERSCHLUESSEL- ODER
   PROGRAMMLIZENZSYSTEM (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): JP 95261247 A
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   19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): DE 69618672 A
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 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69620919 CO 20020529
 OPTISCHES AUFZEICHNUNGSGERAET UND AUFZEICHNUNGSVERFAHREN MIT
   VERSCHLUESSELUNG (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): JP 95261247 A
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 Applic (No, Kind, Date): DE 69620919 A
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 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
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 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69621053 CO 20020606
 OPTISCHE PLATTE ZUR ANWENDUNG IN EINEM VERSCHLUESSEL- ODER
   PROGRAMMLIZENZSYSTEM (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): JP 95261247 A
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 Applic (No, Kind, Date): DE 69621053 A
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 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
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  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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Language of Document: German
Patent (No, Kind, Date): DE 69621357 CO 20020627
 OPTISCHES WIEDERGABEGERAET ZUR WIEDERGABE VERSCHLUESSELTER
   INFORMATIONEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): JP 95261247 A
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   19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): DE 69621357 A
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 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69223541 T2 19980409
 SIGNALUEBERTRAGUNGSSYSTEM (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A
   19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
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 Applic (No, Kind, Date): DE 69223541 A
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 IPC: * H04N-007/24; H04N-007/04; H04N-007/12; H04N-007/08; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354
 JAPIO Reference No: * 180152E000002
 Language of Document: German
Patent (No, Kind, Date): DE 69426795 T2 20011108
 AUFZEICHNUNGS- UND WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93205682 A 19930727; JP 94104879 A
   19940418; JP 94156089 A 19940707; JP 93297504 A
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   93314114 A
                19931119
 Applic (No, Kind, Date): DE 69426795 A
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 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
   ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
   95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
   01-018026
 Language of Document: German
Patent (No, Kind, Date): DE 69523139 T2 20020131
 GERAET ZUR ERZEUGUNG EINER MARKIERUNG, VERFAHREN ZUR ERZEUGUNG EINER
   LASERMARKIERUNG AUF EINER OPTISCHEN PLATTE, OPTISCHE PLATTE UND
   VERFAHREN ZU DEREN HERSTELLUNG (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO
                                                          (JP)
 Priority (No, Kind, Date): JP 94283415 A 19941117; JP 9516153 A
   19950202; JP 95261247 A 19951009; WO 95JP2339 W
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 Applic (No, Kind, Date): DE 69523139 A 19951116
        G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
   ; G11B-007/09; G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69610859 T2 20010315
 OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69610859 A
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 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69610860 T2 20010315
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OPTISCHE SCHEIBE DIE INFORMATION IN DER FORM EINES STRICHKODES TRAEGT
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69610860 A 19960515
        G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69610861 T2 20010315
 OPTISCHE SCHEIBE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
            (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69610861 A
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        G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69611906 T2 20010621
 OPTISCHE PLATTE MIT STRICHKODE (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
            (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123; WO 96JP1303 W 19960515
 Applic (No, Kind, Date): DE 69611906 A 19960515
 IPC: * G11B-007/007; G11B-007/24; G06K-019/00; G11B-020/10;
   G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69613010 T2 20011115
 OPTISCHES AUFZEICHNUNGSGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): JP 95261247 A
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   19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): DE 69613010 A
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 IPC: *
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 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69613011 T2 20011115
 OPTISCHES AUFZEICHNUNGSGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
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 Priority (No, Kind, Date): JP 95261247 A
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 Applic (No, Kind, Date): DE 69613011 A 19961008
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   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69613156 T2 20011025
 OPTISCHES WIEDERGABEGERAET ZUR WIEDERGABE VERSCHLUESSELTER
   INFORMATIONEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
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YOSHINARI (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69613156 A 19961008
 IPC: *
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   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69614580 T2 20020411
 WIEDERGABEGERAET FUER OPTISCHE PLATTEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69614580 A 19960515
         G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69614823 T2 20020411
 AUFZEICHNUNGSGERAET FUER OPTISCHE PLATTEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): JP 95261247 A
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   19960123; JP 96211304 A 19960809; WO 96JP2924 W
 Applic (No, Kind, Date): DE 69614823 A 19961008
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
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 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69615418 T2 20020606
 OPTISCHE PLATTE UND OPTISCHES WIEDERGABEGERAET (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A
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 Applic (No, Kind, Date): DE 69615418 A
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 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
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 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69617478 T2 20020508
 OPTISCHE PLATTE UND GERAET ZUR WIEDERGABE OPTISCHER PLATTEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69617478 A 19960515
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
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 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: German
Patent (No, Kind, Date): DE 69618633 T2 20020508
 OPTISCHE PLATTE UND GERAET ZUR WIEDERGABE OPTISCHER PLATTEN (German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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 Applic (No, Kind, Date): DE 69618633 A
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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Language of Document: German

	us (No,Type	,Date,Code 19980129	e,Text): DE REF		CORRESPONDS	то	(ENTSPRICHT)
00 07223	,341			_			(====,
DE 69223	3541 P	19980409 DOO HAS	BEEN PU	3 F EU JBLI	19980129 TRANSLATION ROPEAN PATENT V SHED (UEBERSET DES EUROPAEISCI	WAS FZUN	RECEIVED AND IG DER
DE 69223	3541 P	EIN 19990121 OPI	NGEGANGEN DE 8364 POSITION	N UN ! (E	D VEROEFFENTLI	CHT ON D ABG	WORDEN) DURING TERM OF
DE 69232	2523 P	20020502	DE REF		CORRESPONDS		(ENTSPRICHT)
DE 69232	2526 P	20020502	766478 DE REF		20020502 CORRESPONDS	TO	(ENTSPRICHT)
DE 69232	2527 P	EP 20020502	975168 DE REF	P	20020502 CORRESPONDS	то	(ENTSPRICHT)
DE 69232	2529 P	EP 20020502	975171 DE REF	P	20020502 CORRESPONDS	то	(ENTSPRICHT)
DE 69232	2530 P	EP 20020502	975172 DE REF	P	20020502 CORRESPONDS	TO	(ENTSPRICHT)
DE 69330)665 P	20011004	975173 DE REF		20020502 CORRESPONDS	TO	(ENTSPRICHT)
DE 69330)665 P	EP 20020328	589709 DE 8332		20011004 NO LEGAL EF	FECT	FOR DE
		(W)	RKUNG F		DE NICHT EINGE	TRE1	EN)
DE 69331	L667 P	20020411	DE REF		CORRESPONDS	10	(ENTSPRICHT)
DE 6933	L668 P	EP 20020411	1039675 DE REF	P	20020411 CORRESPONDS	TO	(ENTSPRICHT)
DE 6933	1669 P	EP 20020411	1039680 DE REF	P	20020411 CORRESPONDS	TO	(ENTSPRICHT)
DE 6933	1670 P	EP 20020411	1039682 DE REF	P	20020411 CORRESPONDS	то	(ENTSPRICHT)
DE 6933	1671 P		1045541 DE REF			ТО	(ENTSPRICHT)
DE 69331	1853 P	EP 20020529	1049284 DE REF	P	20020411 CORRESPONDS	ТО	(ENTSPRICHT)
DE 6933	1854 P		1039673 DE REF		20020529 CORRESPONDS	то	(ENTSPRICHT)
DE 6933	1855 P	EP 20020529	1039674 DE REF		20020529 CORRESPONDS	TO	(ENTSPRICHT)
DE 6933	1856 P	EP 20020529	1039676 DE REF	P		то	(ENTSPRICHT)
DE 6933	1857 P		1039677 DE REF		20020529 CORRESPONDS	то	(ENTSPRICHT)
DE 6933	1858 P	EP 20020529	1039678 DE REF		20020529 CORRESPONDS	то	(ENTSPRICHT)
DE 6933	1859 P				20020529 CORRESPONDS	то	(ENTSPRICHT)

DE 69331860	Р	EP 1039681 P 20020529 20020529 DE REF CORRESPONDS TO (ENTSPRICHT)
DE 69426795	Р	EP 1049283 P 20020529 20010412 DE REF CORRESPONDS TO (ENTSPRICHT) EP 637016 P 20010412
DE 69426795	Р	20011108 DE 8373 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 69426795	Р	
DE 69523139	P	20011115 DE REF CORRESPONDS TO (ENTSPRICHT)
DE 69523139	Р	EP 741382 P 20011115 20020131 DE 8373 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST
DE 69610859	Р	EINGEGANGEN UND VEROEFFENTLICHT WORDEN) 20001207 DE REF CORRESPONDS TO (ENTSPRICHT)
DE 69610859	P	EP 1003162 P 20001207 20010315 DE 8373 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST
DE 69610860	P	EINGEGANGEN UND VEROEFFENTLICHT WORDEN) 20001207 DE REF CORRESPONDS TO (ENTSPRICHT)
DE 69610860	Р	EP 1005034 P 20001207 20010315 DE 8373 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 69610861	P	•
DE 69610861	Р	EP 1005035 P 20001207 20010315 DE 8373 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 69611906	P	20010405 DE REF CORRESPONDS TO (ENTSPRICHT)
DE 69611906	Р	EP 807929 P 20010405 20010621 DE 8373 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 69611906	P	
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DE 69613010	Р	EINGEGANGEN UND VEROEFFENTLICHT WORDEN) 20020627 DE 8364 NO OPPOSITION DURING TERM OF OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE

DE 6961301	l1 P	DASS EINSPRUCH ERHOBEN WURDE) 20010628 DE REF CORRESPONDS TO (ENTSPRICHT)
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DE 6961303	l1 P	EINGEGANGEN UND VEROEFFENTLICHT WORDEN) 20020627 DE 8364 NO OPPOSITION DURING TERM OF OPPOSITION (EINSPRUCHSFRIST ABGELAUFEN OHNE DASS EINSPRUCH ERHOBEN WURDE)
DE 6961315	56 P	20010705 DE REF CORRESPONDS TO (ENTSPRICHT)
DE 6961315	56 P	EP 1005024 P 20010705 20011025 DE 8373 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 6961315	56 P	
DE 6961458	30 P	20010920 DE REF CORRESPONDS TO (ENTSPRICHT)
DE 6961458	30 P	EP 1031974 P 20010920 20020411 DE 8373 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 6961482	23 P	20011004 DE REF CORRESPONDS TO (ENTSPRICHT)
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DE 6961541	L8 P	
DE 6961541	1.8 P	EP 1005033 P 20011025 20020606 DE 8373 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 6961747	78 P	
DE 6961747	78 P	DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST
DE 6961863	33 P	EINGEGANGEN UND VEROEFFENTLICHT WORDEN) 20020221 DE REF CORRESPONDS TO (ENTSPRICHT)
DE 6961863	33 P	EP 1006516 P 20020221 20020508 DE 8373 TRANSLATION OF PATENT DOCUMENT OF EUROPEAN PATENT WAS RECEIVED AND HAS BEEN PUBLISHED (UEBERSETZUNG DER PATENTSCHRIFT DES EUROPAEISCHEN PATENTES IST EINGEGANGEN UND VEROEFFENTLICHT WORDEN)
DE 6961867	72 P	20020228 DE REF CORRESPONDS TO (ENTSPRICHT)
DE 6962091	19 P	EP 1005025 P 20020228 20020529 DE REF CORRESPONDS TO (ENTSPRICHT)

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                       20020606 DE REF
   DE 69621053
                            EP 1024478 P
                                            20020606
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                                            CORRESPONDS TO (ENTSPRICHT)
                            EP 1005023 P
                                            20020627
DENMARK (DK)
  Patent (No, Kind, Date): DK 1039675 T3 20020624
                                    OG
                                           FEJLKORREKTIONSKODNING
                                                                     MED
   MULTIOPLOESNINGSTRANSMISSION
     MULTIBAEREBOELGEMODULATION (Danish)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): DK 9393302369 L
                                              19930326; JP 9267934 A
     19920326; JP 92256070 A 19920925
   Applic (No, Kind, Date): DK 114692 A
                                         19930326
   IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
     ; H04N-007/24
   Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
      00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
        00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
        00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
    G 01-063441; G 02-050566
   JAPIO Reference No: * 180486E000144
   Language of Document: Danish
  Patent (No, Kind, Date): DK 1039680 T3 20020624
   MULTIOPLOESNINGSTRANSMISSION
                                    OG
                                           FEJLKORREKTIONSKODNING
                                                                     MED
     MULTIBAEREBOELGEMODULATION (Danish)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
                                              19930326; JP 9267934 A
   Priority (No, Kind, Date): DK 9393302369 L
     19920326; JP 92256070 A 19920925
   Applic (No, Kind, Date): DK 114699 A
                                         19930326
   IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
     ; HO4N-007/24
   Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
      00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
        00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
     G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
    G 01-063441; G 02-050566
   JAPIO Reference No: * 180486E000144
   Language of Document: Danish
  Patent (No, Kind, Date): DK 1039682 T3 20020624
   MULTIOPLOESNINGSTRANSMISSION
                                   OG
                                          FEJLKORREKTIONSKODNING
                                                                     MED
     MULTIBAEREBOELGEMODULATION (Danish)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): DK 9393302369 L
                                                19930326; JP 9267934 A
     19920326; JP 92256070 A 19920925
   Applic (No, Kind, Date): DK 114702 A
                                         19930326
   IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
     ; H04N-007/24
   Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
      00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
        00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
     G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
    G 01-063441; G 02-050566
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   Language of Document: Danish
  Patent (No, Kind, Date): DK 1045541 T3 20020624
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   MULTIOPLOESNINGSTRANSMISSION
                                    OG
                                           FEJLKORREKTIONSKODNING
     MULTIBAEREBOELGEMODULATION (Danish)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): DK 9393302369 L
                                              19930326; JP 9267934 A
     19920326; JP 92256070 A 19920925
   Applic (No, Kind, Date): DK 114700 A 19930326
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IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
     ; H04N-007/24
   Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
      00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
        00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
     G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
      01-063441; G 02-050566
   JAPIO Reference No: * 180486E000144
   Language of Document: Danish
  Patent (No, Kind, Date): DK 1049284 T3 20020624
                                          FEJLKORREKTIONSKODNING
                                                                     MED
   MULTIOPLOESNINGSTRANSMISSION
                                   OG
     MULTIBAEREBOELGEMODULATION (Danish)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
                                              19930326; JP 9267934 A
   Priority (No, Kind, Date): DK 9393302369 L
     19920326; JP 92256070 A 19920925
   Applic (No, Kind, Date): DK 114695 A
                                         19930326
   IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
     ; H04N-007/24
   Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
      00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
        00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
     G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
    G 01-063441; G 02-050566
   JAPIO Reference No: * 180486E000144
   Language of Document: Danish
EUROPEAN PATENT OFFICE (EP)
  Patent (No, Kind, Date): EP 562875 Al 19930929
   MULTIRESOLUTION QAM SYSTEM (English; French; German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
                                              19920326; JP 92256070 A
   Priority (No, Kind, Date): JP 9267934 A
     19920925
   Applic (No, Kind, Date): EP 93302369 A
                                         19930326
   Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
     IT; LI; LU; MC; NL; PT; SE
   IPC: * H04L-027/34; H04N-007/13
   Derwent WPI Acc No: ; G 93-305235
   Language of Document: English
  Patent (No, Kind, Date): EP 617531 A1 19940928
   MULTIRESOLUTION TRANSMISSION SYSTEM. (English; French; German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 9366461 A
                                              19930325; JP 93132984 A
     19930510; JP 93261612 A
                              19930924
   Applic (No, Kind, Date): EP 94302149 A
                                          19940324
   Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
     IT; LI; LU; MC; NL; PT; SE
   IPC: * H04L-027/02; H04L-027/34; H04L-005/06; H04L-027/18; H04N-007/13
   Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258; G
      00-589072; G 00-595507; G 01-063437; G 01-063438; G 01-063439; G
       01-063440; G 01-063441; G 94-311606
   Language of Document: English
  Patent (No, Kind, Date): EP 689200 Al 19951227
   OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
     REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINA L
     DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
     (English; French; German)
   Patent Assignee: MATSUSHITA ELECTRONICS CORP (JP)
   Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI
                                                          (JP)
   Priority (No, Kind, Date): WO 94JP2304 W 19941228; JP 93335165 A
                              A 19940120; JP 94104879 A 19940418; JP
      19931228; JP 9422191
                 19940707; JP 94299508 A 19941202
     94156089 A
   Applic (No, Kind, Date): EP 95904033 A 19941228
   Designated States: (National) DE; FR; GB; IT
                                             G11B-013/04; G11B-007/00;
               G11B-007/007; G11B-020/12;
     G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10
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Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 706174 A1 19960410
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
    INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO
 Priority (No, Kind, Date): WO 95JP760 W 19950418; JP 94104879 A
    19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
   9515318 A
               19950201; JP 9516865 A
                                       19950203
 Applic (No, Kind, Date): EP 95915345 A
                                         19950418
 Designated States: (National) DE; FR; GB; NL
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
   ; G11B-007/09
 Derwent WPI Acc No:
                       * G 95-116722; G 95-246541; G 95-373939; G
   96-268785; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 741382 Al 19961106
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
   OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
   PRODUCING METHOD (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO
 Priority (No, Kind, Date): WO 95JP2339 W
                                           19951116; JP 94283415 A
                            19950202; JP 95261247 A
   19941117; JP 9516153 A
 Applic (No, Kind, Date): EP 95938017 A
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 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 802527 Al 19971022
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
   (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
              (JP)
                          WO 96JP2924 W
                                           19961008; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                    19960809
 Applic (No, Kind, Date): EP 96932845 A
                                         19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 807929 Al 19971119
 OPTICAL DISK, BAR CODE FORMATION METHOD FOR OPTICAL DISK, OPTICAL DISK
   REPRODUCTION APPARATUS, AND MARKING METHOD, LASER MARKING METHOD FOR
   OPTICAL DISK, AND METHOD OF OPTICAL DISK PRODUCTION (English; French;
  German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): WO 96JP1303 W
                                           19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 96915172 A
                                         19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 971345 Al 20000112
                 METHOD
                          FOR RECORDING AND REPRODUCING WRITE-ONCE
           DISK,
   INFORMATION ON AND FROM OPTICAL DISK, OPTICAL DISK REPRODUCING
           OPTICAL DISK RECORDING AND REPRODUCING DEVICE, DEVICE FOR
   RECORDING WRITE-ONCE INFORMATION ON OPTICAL DISK, AND OPTICAL DISK
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RECORDING DEVICE (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                      OSHIMA M (JP); KONISHI SHINICHI (JP); TANAKA
 Author (Inventor):
    SHIN-ICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); GOTOH
              (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP);
    YOSHIHO
   MURAKAMI MOTOYOSHI (JP)
                           WO 97JP4664 W 19971217; JP 96339304 A
 Priority (No, Kind, Date):
   19961219; JP 979318 A 19970122; JP 97259110 A 19970924
 Applic (No, Kind, Date): EP 97949124 A 19971217
 Designated States: (National) DE; FR; GB; IT; NL
 IPC: * G11B-011/10; G11B-007/00; G06F-012/14
 Derwent WPI Acc No: * G 98-363034
 Language of Document: English
Patent (No, Kind, Date): EP 973335 A1 20000119
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                  19910529; JP 91182236 A 19910723; JP 9260739 A
             Α
    91155650
   19920317
 Applic (No, Kind, Date): EP 99119278 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-108239
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975168 Al 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
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                  19910529; JP 91182236 A 19910723; JP 9260739 A
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   19920317
 Applic (No, Kind, Date): EP 99119266 A
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-184726
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975169 Al 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A
                                19910327; JP 9195813 A 19910425; JP
             Α
                   19910529; JP 91182236 A 19910723; JP 9260739 A
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   19920317
 Applic (No, Kind, Date): EP 99121006 A
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-184727
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975170 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP 9260739 A
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19920317
 Applic (No, Kind, Date): EP 99121007 A
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 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-184728
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975171 Al 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                  19910529; JP 91182236 A 19910723; JP 9260739 A
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 Applic (No, Kind, Date): EP 99121008 A
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 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-118426
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975172 A1 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                  19910529; JP 91182236 A 19910723; JP 9260739 A
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   19920317
 Applic (No, Kind, Date): EP 99121024 A
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-184729
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975173 Al 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
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                  19910529; JP 91182236 A 19910723; JP 9260739 A
    91155650
   19920317
 Applic (No, Kind, Date): EP 99121025 A
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-184730
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975174 Al 20000126
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                  19910529; JP 91182236 A 19910723; JP 9260739 A
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    91155650
   19920317
 Applic (No, Kind, Date): EP 99121026 A
                                        19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
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Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 00-184731
 JAPIO Reference No: * 180152E000002
Language of Document: English
Patent (No, Kind, Date): EP 1003162 Al 20000524
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000103257 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005023 A1 20000531
                                      THE REPRODUCTION OF ENCRYPTED
 OPTICAL
          REPRODUCING DEVICE
                                FOR
   INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
              (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): EP 2000102965 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005024 Al 20000531
          REPRODUCING DEVICE FOR
                                      THE REPRODUCTION OF ENCRYPTED
 OPTICAL
   INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
              (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                     19960809
 Applic (No, Kind, Date): EP 2000102966 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005025 A1 20000531
 OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
              (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): EP 2000102967 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005026 Al 20000531
 OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND
   PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
              (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                    19960809
 Applic (No, Kind, Date): EP 2000102968 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005027 A1 20000531
 OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND
   PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
              (JP)
 Priority (No, Kind, Date):
                           EP 96932845 A3 19961008; JP 95261247 A
                            19960123; JP 96211304 A
   19951009; JP 968910 A
                                                     19960809
 Applic (No, Kind, Date): EP 2000102969 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005028 A1 20000531
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION
   SYSTEM AND PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
                           EP 96932845 A3 19961008; JP 95261247 A
 Priority (No, Kind, Date):
                            19960123; JP 96211304 A
   19951009; JP 968910 A
                                                      19960809
 Applic (No, Kind, Date): EP 2000102971 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005033 Al 20000531
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                            19960123
 Applic (No, Kind, Date): EP 2000101774 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005034 A1 20000531
 AN OPTICAL DISK CARRYING BARCODED INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
   SHINICHI
            (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
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 Applic (No, Kind, Date): EP 2000101775 A
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 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
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Patent (No, Kind, Date): EP 1005035 Al 20000531
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date):
                           EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 2000104818 A 19960515
 Designated States: (National) AT; BE; CH; DE; DK; ES; FI; FR; GB; GR;
   IE; IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1006516 A1 20000607
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000105014 A
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 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1006517 Al 20000607
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000106447 A
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 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1024478 A1 20000802
 OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
             (JP)
   YOSHINARI
                           EP 96932845 A3 19961008; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123; JP 96211304 A
 Applic (No, Kind, Date): EP 2000102970 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1028422 A1 20000816
 AN OPTICAL DISK, AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO
                                      (JP); KOISHI KENJI (JP); OSHIMA
   MITSUAKI (JP); MORIYA MITSURO (JP); TANAKA SHINICHI (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000109898 A
 Designated States: (National) DE; FR; GB
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IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1028423 A1 20000816
 AN OPTICAL DISK, AN OPTICAL BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTORING AN OPTICAL DISK (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor):
                      GOTOH YOSHIHO
                                      (JP); KOISHI KENJI (JP); OSHIMA
   MITSUAKI
            (JP); MORIYA MITSURO (JP); TANAKA SHINICHI (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): EP 2000109899 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1030297 Al 20000823
 AN OPTICAL DISK AND AN OPTICAL DISK RECORDING METHOD (English; French;
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 2000110461 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1031974 Al 20000830
 AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 2000112310 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1049334 Al 20001102
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A
                                 19910327; JP 9195813 A 19910425; JP
                   19910529; JP 91182236 A
                                            19910723; JP 9260739 A
    91155650
 Applic (No, Kind, Date): EP 2000114691 A
 Designated States: (National) DE; FR; GB; NL
 IPC: * HO4N-007/24; HO4L-027/34; HO4N-007/04
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 1168328 A1 20020102
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION
   SYSTEM AND PROGRAM LICENSE SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
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(JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI (JP)
 Priority (No, Kind, Date): EP 2000102970 A3 19961008; EP 96932845 A3
      19961008; JP 95261247 A 19951009; JP 968910 A
                                                         19960123; JP
   96211304 A
                19960809
 Applic (No, Kind, Date): EP 2001120681 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-020/00; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 506400 A2 19920930
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI - KATSURA (JP)
 Priority (No, Kind, Date): JP 9162798
                                        A 19910327; JP 9195813 A
    19910425; JP 91155650 A 19910529; JP 91182236 A
   9260739 A
               19920317
 Applic (No, Kind, Date): EP 92302627 A 19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/13; H04N-007/04
 Derwent WPI Acc No: ; G 92-325674
 Language of Document: English
Patent (No, Kind, Date): EP 555031 A2 19930811
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9213809
                                             19920129; JP 9242558 A
                                         Α
                                19920309; JP 9268031 A 19920326; JP
    19920228; JP 9250328 A
                  19920430; JP 92194450 A
    92111176
             Α
                                            19920722; JP 92280874 A
   19920925
                                        19930129
 Applic (No, Kind, Date): EP 93300695 A
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-013/04
 Derwent WPI Acc No: ; G 93-251292
 Language of Document: English
Patent (No, Kind, Date): EP 564187 A2 19931006
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor):
                      OSHIMA MITSUAKI
                                        (JP); TANAKA MICHIRO
   SHIMIZU RYOSUKE (JP); KODO TOSHIKAZU (JP)
 Priority (No, Kind, Date): JP 9268031 A 19920326; JP 92111176 A
    19920430; JP 92194450 A 19920722; JP 92280874 A 19920925; JP
                  19921021; JP 92331300 A 19921211; JP 938596 A
    92282666
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   19930121
 Applic (No, Kind, Date): EP 93302365 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-023/03; G11B-013/04
 Derwent WPI Acc No: ; G 93-313529
 Language of Document: English
Patent (No, Kind, Date): EP 589709 A2 19940330
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 92256070 A
                                            19920925; JP 9366461 A
   19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): EP 93307575 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/34; H04N-007/13; H04L-005/06; H04L-027/18
 Derwent WPI Acc No: * G 93-305235
 Language of Document: English
Patent (No, Kind, Date): EP 608126 A2 19940727
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING SAME. (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
                                                                (JP);
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USHIGOME HISASHI (JP)
 Priority (No, Kind, Date): JP 938596 A
                                            19930121; JP 9392219 A
    19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
                19931102; JP 93314114 A 19931119
   93297504 A
 Applic (No, Kind, Date): EP 94300403 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-023/44
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; C
     94-236841
 Language of Document: English
Patent (No, Kind, Date): EP 609013 A2 19940803
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
               (JP); YOSHIURA TSUKASA
                                         (JP); MATSUURA TAKUMI (JP);
    TOSHIKAZU
   TANAKA MITIRO (JP); TAN SATOSHI (JP)
 Priority (No, Kind, Date): JP 938596 A
                                             19930121; JP 9392219 A
    19930325; JP 93107423 A 19930409; JP 93205682 A 19930727; JP
   93297504 A
               19931102; JP 93314114 A 19931119
 Applic (No, Kind, Date): EP 94300402 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02
   ; G11B-023/00; G11B-023/36
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; G
     94-242360
 Language of Document: English
Patent (No, Kind, Date): EP 609617 A2 19940810
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TAN SATOSHI (JP); KUWAMOTO
   MAKOTO (JP)
 Priority (No, Kind, Date): JP 938596
                                        Α
                                           19930121; JP 93205682 A
   19930727; JP 92321063 A 19921201
 Applic (No, Kind, Date): EP 93309619 A
 Designated States: (National) BE; DE; FR; GB; NL
 IPC: * G06F-001/18
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 637016 A2 19950201
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93205682 A 19930727; JP 94104879 A
    19940418; JP 94156089 A 19940707; JP 93297504 A
   93314114 A
                19931119
 Applic (No, Kind, Date): EP 94305557 A
                                       19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
   ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
    95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
     01-018026; G 95-116722
 Language of Document: English
Patent (No, Kind, Date): EP 766478 A2 19970402
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                           EP 92302627 A3 19920326; JP 9162798 A
                                19910425; JP 91155650 A 19910529; JP
    19910327; JP 9195813 A
               19910723; JP 9260739 A 19920317
   91182236 A
 Applic (No, Kind, Date): EP 96119060 A
                                         19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
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Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731; G 97-195354
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 833319 A2 19980401
 DISC-SHAPED RECORDING MEDIUM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
                                         (JP); MATSUURA TAKUMI (JP);
               (JP); YOSHIURA TSUKASA
    TOSHIKAZU
   TANAKA MITIRO (JP); TAN SATOSHI (JP)
                                        A3 19940119; JP 938596 A
 Priority (No, Kind, Date): EP 94300402
    19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
              A 19930727; JP 93297504 A 19931102; JP 93314114 A
    93205682
   19931119
 Applic (No, Kind, Date): EP 97118775 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
    95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026; G
     98-181451
 Language of Document: English
Patent (No, Kind, Date): EP 844611 A2 19980527
 OPTICAL DISK (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
                                                               (JP);
   USHIGOME HISASHI (JP)
                          EP 94300403 A3 19940119; JP 938596 A
 Priority (No, Kind, Date):
    19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
             A 19930727; JP 93297504 A 19931102; JP 93314114 A
    93205682
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 Applic (No, Kind, Date): EP 98100524 A
                                        19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-020/00; G11B-013/04; G11B-007/007; G11B-007/24
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 844612 A2 19980527
 APPARATUS FOR REPRODUCING INFORMATION FROM AN OPTICAL DISC (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
                                                               (JP);
   USHIGOME HISASHI (JP)
 Priority (No, Kind, Date): EP 94300403 A3 19940119; JP 938596 A
    19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
             A 19930727; JP 93297504 A 19931102; JP 93314114 A
    93205682
   19931119
 Applic (No, Kind, Date): EP 98100525 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-020/00; G11B-013/04; G11B-007/24; G11B-007/007
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 1035693 A2 20000913
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
                           19930325; JP 93132984 A
                                                      19930510
   19920925; JP 9366461 A
 Applic (No, Kind, Date): EP 2000114572 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; HO4N-007/24
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Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
   00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 00-595507
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035694 A2 20000913
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A
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 Applic (No, Kind, Date): EP 2000114573 A 19930924
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-005/44
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
     94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 01-063437
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035695 A2 20000913
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A
                                                       19930510
 Applic (No, Kind, Date): EP 2000114575 A 19930924
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 01-063438
  JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035696 A2 20000913
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A
                            19930325; JP 93132984 A
                                                        19930510
 Applic (No, Kind, Date): EP 2000114577 A 19930924
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
    IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/34; H04L-027/26; H04L-027/18; H04N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
     94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
   00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 01-063439
 JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No, Kind, Date): EP 1035697 A2 20000913
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
    19920925; JP 9366461 A 19930325; JP 93132984 A
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  Applic (No, Kind, Date): EP 2000114578 A 19930924
  Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
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IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/34; H04L-027/18; H04L-027/26; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 01-063440
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035698 A2 20000913
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
                                                     19930510
 Applic (No, Kind, Date): EP 2000114579 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/34; H04L-027/26; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039672 A2 20000927
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
                           19930325; JP 93132984 A
   19920925; JP 9366461 A
 Applic (No, Kind, Date): EP 2000114576 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
     01-063439; G 01-063440; G 01-063441; G 02-050566; G 00-589072
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039673 A2 20000927
                                              CORRECTION CODING WITH
 MULTIRESOLUTION
                  TRANSMISSION
                                AND
                                      ERROR
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114689 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566; G 00-589073
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039674 A2 20000927
                                             CORRECTION CODING WITH
                 TRANSMISSION AND
                                      ERROR
 MULTIRESOLTION
   MULTICARRIER SIGNALS (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
                            19920925
   19920326; JP 92256070 A
 Applic (No, Kind, Date): EP 2000114690 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   : H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
    01-063441; G 02-050566; G 00-589074
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039675 A2 20000927
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114692 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566; G 00-589075
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039676 A2 20000927
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                    (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114694 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566; G 00-589076
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039677 A2 20000927
                  TRANSMISSION
                                AND
                                      ERROR CORRECTION CODING,
                                                                 WTTH
 MULTIRESOLUTION
   MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114696 A
                                         19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
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G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566; G 00-589077
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039678 A2 20000927
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY WITH MULTICARRIER SIGNALS
   (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114697 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566; G 00-580985
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039679 A2 20000927
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
   : German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                            EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114698 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566; G 00-589078
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039680 A2 20000927
 MULTIRESOLUTION
                  TRANSMISSION
                                AND
                                      ERROR
                                              CORRECTION CODING WITH
   MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114699 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566; G 00-580986
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039681 A2 20000927
 MUTLIRESOLUTION
                  TRANSMITION
                               AND
                                      ERROR
                                             CORRECTION CODING, WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
                                                 (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
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Applic (No, Kind, Date): EP 2000114701 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566; G 00-580987
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039682 A2 20000927
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SINGALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                    (JP)
 Priority (No, Kind, Date):
                            EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114702 A
                                          19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566; G 00-580988
 JAPIO Reference No: * 180486E000144
 Language of Document: English
                                      20001018
Patent (No, Kind, Date): EP 1045541 A2
 MULTIRESOLUTION
                  TRANSMISSION
                                AND
                                       ERROR
                                               CORRECTION CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
                                                 (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114700 A
                                         19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
      00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049282 A2 20001102
 MULTIRESOLUTION MODULATION WITH MULTICARRIER SIGNALS (English; French;
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                    (JP)
 Priority (No, Kind, Date):
                            EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A
                            19930325; JP 93132984 A
 Applic (No, Kind, Date): EP 2000114574 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/34; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566
  JAPIO Reference No: * 180486E000144
 Language of Document: English
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Patent (No, Kind, Date): EP 1049283 A2 20001102
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114693 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049284 A2 20001102
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
   ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114695 A
                                         19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1050879 A2 20001108
 RECORDING AND REPRODUCING APPARATUS WITH MEANS FOR ENCRYPTION OF
   INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 94305557 A3 19940727; JP 93205682 A
    19930727; JP 94104879 A 19940418; JP 94156089 A 19940707; JP
                19931102; JP 93314114 A 19931119
 Applic (No, Kind, Date): EP 2000115017 A 19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-020/00; G06F-001/00; G11B-007/00; G11B-013/04; G11B-019/02
   ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
    95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
     01-018026; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 1120777 A2 20010801
 OPTICAL DISK (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): EP 95938017 A3 19951116; JP 94283415 A
                           19950202; JP 95261247 A 19951009
   19941117; JP 9516153 A
 Applic (No, Kind, Date): EP 2001108949 A
                                           19951116
 Designated States: (National) DE; FR; GB
                                           G11B-027/10;
                                                         G11B-020/00;
               G11B-007/00;
                             G11B-020/12;
    G11B-007/007; G11B-007/26; G11B-019/02; G11B-019/12; G11B-011/105;
   G11B-023/28; G11B-013/04; G11B-027/30
  Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: English
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Patent (No, Kind, Date): EP 1154608 A2 20011114
 MULTIRESOLUTION RECEIVER (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2001118510 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/26
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
    01-063441; G 02-050566; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 506400 A3 19930526
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI - KATSURA (JP)
 Priority (No, Kind, Date): JP 9162798 A 19910327; JP 9195813 A
    19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
   9260739 A
               19920317
 Applic (No, Kind, Date): EP 92302627 A
                                        19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/13; H04N-007/04
 Derwent WPI Acc No: * G 92-325674
 Language of Document: English
Patent (No, Kind, Date): EP 555031 A3 19951115
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9213809
                                            19920129; JP 9242558 A
                                        Α
                                19920309; JP 9268031 A 19920326; JP
    19920228; JP 9250328 A
    92111176
                 19920430; JP 92194450 A 19920722; JP 92280874 A
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   19920925
 Applic (No, Kind, Date): EP 93300695 A
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-013/04
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Lanquage of Document: English
Patent (No, Kind, Date): EP 564187 A3 19951206
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                        (JP); TANAKA MICHIRO
                                                                 (JP);
   SHIMIZU RYOSUKE (JP); KODO TOSHIKAZU (JP)
 Priority (No, Kind, Date): JP 938596 A
                                             19930121; JP 9268031 A
    19920326; JP 92111176 A 19920430; JP 92194450 A 19920722; JP
                  19920925; JP 92282666 A
                                            19921021; JP 92331300 A
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 Applic (No, Kind, Date): EP 93302365 A
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/00; G11B-011/10; G11B-023/03; G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 95-341616; G 96-062972; G 98-181451
 JAPIO Reference No: *
                          180121P000165; 180264P000063; 180522P000136;
   180618P000070
 Language of Document: English
Patent (No, Kind, Date): EP 589709 A3 19940928
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
                    MATSUSHITA ELECTRIC IND CO LTD (DE); MATSUSHITA
 Patent Assignee:
   ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
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Priority (No, Kind, Date): JP 9366461 A 19930325; JP 93132984 A
   19930510; JP 92256070 A
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 Applic (No, Kind, Date): EP 93307575 A
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/34; H04N-007/13; H04L-005/06; H04L-027/18
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 608126 A3 19951129
 INFORMATION RECORDING MEDIUM AND METHOD OF FABRICATING SAME. (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor):
                      OSHIMA MITSUAKI (JP); KOMODA HIDEAKI
                                                               (JP);
   USHIGOME HISASHI (JP)
 Priority (No, Kind, Date): JP 938596 A
                                            19930121; JP 9392219 A
    19930325; JP 93107423 A 19930409; JP 93205682 A
                                                        19930727; JP
                19931102; JP 93314114 A 19931119
   93297504 A
 Applic (No, Kind, Date): EP 94300403 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-023/44
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 609013 A3 19951129
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
              (JP); YOSHIURA TSUKASA
                                         (JP); MATSUURA TAKUMI (JP);
    TOSHIKAZU
   TANAKA MITIRO (JP); TAN SATOSHI (JP)
 Priority (No, Kind, Date): JP 938596 A
                                            19930121; JP 9392219 A
    19930325; JP 93107423 A 19930409; JP 93205682 A
                                                        19930727; JP
               19931102; JP 93314114 A 19931119
   93297504 A
 Applic (No, Kind, Date): EP 94300402 A 19940119
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-020/10; G11B-019/28; G11B-020/18; G11B-021/02
   ; G11B-023/00; G11B-023/36
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 609617 A3 19961211
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); TAN SATOSHI (JP); KUWAMOTO
   MAKOTO (JP)
 Priority (No, Kind, Date): JP 938596
                                           19930121; JP 93205682 A
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   19930727; JP 92321063 A
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 Applic (No, Kind, Date): EP 93309619 A
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 Designated States: (National) BE; DE; FR; GB; NL
 IPC: * G06F-001/18
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 637016 A3 19950830
 RECORDING AND REPRODUCING APPARATUS. (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93205682 A 19930727; JP 94104879 A
    19940418; JP 94156089 A 19940707; JP 93297504 A
                                                          19931102; JP
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   93314114 A
 Applic (No, Kind, Date): EP 94305557 A 19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
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IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
   ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
    95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
     01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 766478 A3 20000119
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 92302627 A3 19920326; JP 9162798 A
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                                 19910425; JP 91155650 A 19910529; JP
    19910327; JP 9195813
                 19910723; JP 9260739 A
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 Applic (No, Kind, Date): EP 96119060 A
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 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 833319 A3 20020403
 DISC-SHAPED RECORDING MEDIUM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE (JP); KOUDO
               (JP); YOSHIURA TSUKASA
                                           (JP); MATSUURA TAKUMI (JP);
    TOSHIKAZU
   TANAKA MITIRO (JP); TAN SATOSHI (JP)
                                          A3 19940119; JP 938596 A
 Priority (No, Kind, Date): EP 94300402
                           A 19930325; JP 93107423 A 19930409; JP
    19930121; JP 9392219
                  19930727; JP 93297504 A 19931102; JP 93314114 A
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   19931119
 Applic (No, Kind, Date): EP 97118775 A
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 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * G11B-013/04; G11B-020/12
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   95-116722; G 95-341616; G 96-062972; G 98-181451; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 1035693 A3 20001206
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A
                            19930325; JP 93132984 A
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 Applic (No, Kind, Date): EP 2000114572 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
                        * G 93-305235; G 94-103292; G 94-311606; G
 Derwent WPI Acc No:
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
   00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
Language of Document: English
Patent (No, Kind, Date): EP 1035694 A3 20001206
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
                            19930325; JP 93132984 A
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   19920925; JP 9366461 A
 Applic (No, Kind, Date): EP 2000114573 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
    ; HO4N-007/24
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Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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  G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035695 A3 20001206
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
   (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
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 Applic (No, Kind, Date): EP 2000114575 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
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 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035696 A3 20001206
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
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 Applic (No, Kind, Date): EP 2000114577 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035697 A3 20001206
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
 Applic (No, Kind, Date): EP 2000114578 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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  G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1035698 A3 20001206
 MUTLIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
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19920925; JP 9366461 A 19930325; JP 93132984 A
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 Applic (No, Kind, Date): EP 2000114579 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
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   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039672 A3 20001206
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY FOR MULTICARRIER SYSTEMS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                            EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
 Applic (No, Kind, Date): EP 2000114576 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039673 A3
                                      20001206
 MULTIRESOLUTION
                  TRANSMISSION
                                AND
                                      ERROR
                                              CORRECTION CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114689 A
                                         19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039674 A3
                                      20001206
 MULTIRESOLTION
                 TRANSMISSION
                                AND
                                      ERROR
                                             CORRECTION
                                                          CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114690 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
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  G 01-063441; G 02-050566
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JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039675 A3 20001206
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114692 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039676 A3 20001206
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934
                            19920925
   19920326; JP 92256070 A
 Applic (No, Kind, Date): EP 2000114694 A
                                         19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039677 A3 20001206
                  TRANSMISSION
 MULTIRESOLUTION
                                AND
                                      ERROR CORRECTION CODING, WITH
   MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114696 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039678 A3 20001206
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY WITH MULTICARRIER SIGNALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114697 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
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IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039679 A3 20001206
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114698 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039680 A3
                                     20001206
 MULTIRESOLUTION
                  TRANSMISSION
                                AND
                                      ERROR
                                              CORRECTION CODING WITH
   MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114699 A
                                         19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039681 A3
                                     20001206
 MUTLIRESOLUTION
                  TRANSMITION
                               AND
                                      ERROR
                                             CORRECTION CODING, WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                    (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114701 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039682 A3 20001206
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MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SINGALS
   (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114702 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1045541 A3
                                     20001206
                  TRANSMISSION
 MULTIRESOLUTION
                                AND
                                      ERROR
                                             CORRECTION CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114700 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049282 A3 20001206
 MULTIRESOLUTION MODULATION WITH MULTICARRIER SIGNALS (English; French;
   German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93307575 A3 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
                                                      19930510
 Applic (No, Kind, Date): EP 2000114574 A 19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34; H04L-027/38
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049283 A3 20001206
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114693 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
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Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049284 A3 20001206
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
   ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114695 A
                                         19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1120777 A3 20011010
 OPTICAL DISK (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): EP 95938017 A3 19951116; JP 94283415 A
   19941117; JP 9516153 A 19950202; JP 95261247 A
 Applic (No, Kind, Date): EP 2001108949 A
                                          19951116
 Designated States: (National) DE; FR; GB
 IPC: * G11B-020/00; G06F-001/00; G11B-007/00; G11B-027/30; G11B-023/28
    : G11B-013/04; G11B-011/105; G11B-019/02; G11B-019/12; G11B-007/007;
   G11B-007/26; G11B-020/12; G11B-027/10
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 689200 A4 19960529
 OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
   REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL
   DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
   (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRONICS CORP (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI
                                                       (JP)
 Priority (No, Kind, Date): WO 94JP2304 W 19941228; JP 93335165 A
    19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP
   94156089 A 19940707; JP 94299508 A 19941202
 Applic (No, Kind, Date): EP 95904033 A 19941228
 Designated States: (National) DE; FR; GB; IT
             G11B-007/007;
                            G11B-020/12;
                                                         G11B-007/00;
                                           G11B-013/04;
   G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 706174 A4 19970702
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
    INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): WO 95JP760 W 19950418; JP 94104879 A
    19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
              19950201; JP 9516865 A 19950203
   9515318 A
 Applic (No, Kind, Date): EP 95915345 A
 Designated States: (National) DE; FR; GB; NL
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IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
   ; G11B-007/09
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 741382 A4 19970702
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
   OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
   PRODUCING METHOD (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO
 Priority (No, Kind, Date): WO 95JP2339 W
                                           19951116; JP 94283415 A
   19941117; JP 9516153 A 19950202; JP 95261247 A 19951009
 Applic (No, Kind, Date): EP 95938017 A 19951116
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 802527 A4 19971210
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
   (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
                           WO 96JP2924 W
                                           19961008; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                   19960809
 Applic (No, Kind, Date): EP 96932845 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 807929 A4 19971210
 Priority (No, Kind, Date): WO 96JP1303 W 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 96915172 A 19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English; French; German
Patent (No, Kind, Date): EP 506400 B1 19971217
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9162798 A
                                            19910327; JP 9195813 A
    19910425; JP 91155650 A 19910529; JP 91182236 A 19910723; JP
               19920317
   9260739 A
 Applic (No, Kind, Date): EP 92302627 A
 Designated States: (National) DE; FR; GB; NL
 IPC: * HO4N-007/24; HO4N-007/04; HO4N-007/12; HO4N-007/08; HO4L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 589709 B1 20010829
 MULTIRESOLUTION TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9366461 A
                                           19930325; JP 93132984 A
   19930510; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 93307575 A
                                       19930924
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/18
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 637016 B1 20010307
 RECORDING AND REPRODUCING APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
                                           19930727; JP 94104879 A
 Priority (No, Kind, Date): JP 93205682 A
    19940418; JP 94156089 A 19940707; JP 93297504 A
                                                         19931102; JP
   93314114 A
                19931119
 Applic (No, Kind, Date): EP 94305557 A
                                       19940727
 Designated States: (National) BE; CH; DE; FR; GB; IT; LI; NL
 IPC: * G11B-007/00; G11B-013/04; G11B-011/10; G11B-019/02; G11B-020/00
   ; G11B-023/28
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 95-116722; G
    95-246541; G 95-341616; G 95-373939; G 96-062972; G 98-181451; G
     01-018026
 Language of Document: English
Patent (No, Kind, Date): EP 741382 B1 20011010
 MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
   OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
   PRODUCING METHOD (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO
                                           19951116; JP 94283415 A
 Priority (No, Kind, Date): WO 95JP2339 W
   19941117; JP 9516153 A 19950202; JP 95261247 A
                                                     19951009
 Applic (No, Kind, Date): EP 95938017 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
   ; G11B-007/09; G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 766478 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                          EP 92302627 A3 19920326; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
                19910723; JP 9260739 A 19920317
   91182236 A
 Applic (No, Kind, Date): EP 96119060 A
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 802527 B1 20010829
 RECORDER FOR OPTICAL DISKS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
             (JP)
 Priority (No, Kind, Date):
                            WO 96JP2924 W
                                           19961008; JP 95261247 A
                           19960123; JP 96211304 A
   19951009; JP 968910 A
 Applic (No, Kind, Date): EP 96932845 A 19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 807929 Bl 20010228
 OPTICAL DISK PROVIDED WITH BAR CODE (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI
            (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): WO 96JP1303 W
                                           19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 96915172 A
                                         19960515
 Designated States: (National) DE; FR; GB
              G11B-007/007;
                             G11B-007/24;
                                           G06K-019/00;
                                                          G11B-020/10:
   G11B-020/00; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 975168 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                   19910529; JP 91182236 A
                                            19910723; JP 9260739 A
   19920317
 Applic (No, Kind, Date): EP 99119266 A
                                         19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975171 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                   19910529; JP 91182236 A
                                            19910723; JP 9260739 A
   19920317
 Applic (No, Kind, Date): EP 99121008 A
                                         19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975172 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
                                19910327; JP 9195813 A 19910425; JP
    19920326; JP 9162798 A
    91155650
                   19910529; JP 91182236 A
                                            19910723; JP 9260739 A
   19920317
 Applic (No, Kind, Date): EP 99121024 A
                                        19920326
 Designated States: (National) DE; FR; GB; NL
 IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 975173 B1 20020327
 SIGNAL TRANSMISSION SYSTEM (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 96119060 A3 19920326; EP 92302627 A3
    19920326; JP 9162798 A 19910327; JP 9195813 A 19910425; JP
                    19910529; JP 91182236 A
                                            19910723; JP 9260739 A
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   19920317
 Applic (No, Kind, Date): EP 99121025 A
  Designated States: (National) DE; FR; GB; NL
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IPC: * H04N-007/24; H04N-007/04; H04N-007/08; H04N-007/12; H04L-027/34
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): EP 1003162 B1 20001102
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 2000103257 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005023 B1 20020522
          REPRODUCING
                       DEVICE
                                FOR
                                      THE REPRODUCTION OF ENCRYPTED
 OPTICAL
   INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
              (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                    19960809
 Applic (No, Kind, Date): EP 2000102965 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005024 B1 20010530
          REPRODUCING DEVICE FOR
                                      THE REPRODUCTION OF ENCRYPTED
 OPTICAL
   INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
              (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): EP 2000102966 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005025 B1 20020102
 OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
              (JP)
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                    19960809
 Applic (No, Kind, Date): EP 2000102967 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005026 B1 20010523
 OPTICAL RECORDER (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
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Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
 Priority (No, Kind, Date): EP 96932845 A3 19961008; JP 95261247 A
                           19960123; JP 96211304 A
                                                    19960809
   19951009; JP 968910 A
 Applic (No, Kind, Date): EP 2000102968 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005027 B1 20010523
 OPTICAL RECORDER (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
 Priority (No, Kind, Date):
                           EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A
                           19960123; JP 96211304 A
                                                      19960809
 Applic (No, Kind, Date): EP 2000102969 A
                                           19961008
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005028 B1 20020424
 OPTICAL RECORDER AND OPTICAL RECORDING METHOD USING ENCRYPTION (English
   ; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
   YOSHINARI
              (JP)
 Priority (No, Kind, Date):
                           EP 96932845 A3 19961008; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A
 Applic (No, Kind, Date): EP 2000102971 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005033 Bl 20010919
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date):
                           EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 2000101774 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005034 B1 20001102
 AN OPTICAL DISK CARRYING BARCODED INFORMATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                            19960123
 Applic (No, Kind, Date): EP 2000101775 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1005035 B1 20001102
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AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date):
                           EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 2000104818 A
                                           19960515
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1006516 B1 20011121
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
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 Applic (No, Kind, Date): EP 2000105014 A
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 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1006517 B1 20011128
 AN OPTICAL DISK AND AN OPTICAL DISK REPRODUCTION APPARATUS (English;
   French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                           19960123
 Applic (No, Kind, Date): EP 2000106447 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
   ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1024478 B1 20020502
 OPTICAL DISK FOR USE WITH AN ENCRYPTION OR PROGRAM LICENSE SYSTEM
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
    SHINICHI
               (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
                           EP 96932845 A3 19961008; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123; JP 96211304 A
 Applic (No, Kind, Date): EP 2000102970 A
 Designated States: (National) DE; FR; GB
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06; G11B-020/00
   ; G06F-001/00; G11B-019/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): EP 1031974 B1 20010816
 AN OPTICAL DISK REPRODUCTION APPARATUS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): EP 96915172 A3 19960515; JP 95261247 A
   19951009; JP 968910 A
                            19960123
 Applic (No, Kind, Date): EP 2000112310 A
 Designated States: (National) DE; FR; GB
  IPC: * G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
    ; G11B-020/00; G11B-007/26; G11B-019/12; G06F-001/00
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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Language of Document: English
Patent (No, Kind, Date): EP 1039673 B1 20020424
 MULTIRESOLUTION
                  TRANSMISSION
                                AND
                                       ERROR
                                               CORRECTION CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114689 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039674 B1
                                     20020424
 MULTIRESOLUTION
                  TRANSMISSION
                                AND
                                      ERROR
                                               CORRECTION CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date):
                            EP 93302369 A3 19930326; JP 9267934
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114690 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039675 B1 20020306
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
   ; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114692 A
                                         19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039676 B1 20020424
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114694 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
  IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039677 B1
                                     20020424
                                      ERROR CORRECTION CODING, WITH
 MULTIRESOLUTION
                  TRANSMISSION
                                AND
   MULTICARRIER MODULATION (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114696 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
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      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039678 B1 20020424
 MULTIRESOLUTION TRANSMISSION, PARTICULARLY WITH MULTICARRIER SIGNALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114697 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039679 B1 20020424
 MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114698 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
                                      20020306
Patent (No, Kind, Date): EP 1039680 B1
                                              CORRECTION CODING WITH
 MULTIRESOLUTION
                  TRANSMISSION
                                AND
                                      ERROR
   MULTICARRIER MODULATION (English; French; German)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
  Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
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  Applic (No, Kind, Date): EP 2000114699 A 19930326
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Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
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 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039681 B1 20020424
                                      ERROR CORRECTION CODING,
                  TRANSMISSION
                                AND
                                                                 WITH
 MULTIRESOLUTION
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114701 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1039682 B1 20020306
 MULTIRESOLUTION TRANSMISSION, IN PARTICULAR WITH MULTICARRIER SIGNALS
    (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): EP 2000114702 A
                                         19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
                                     20020306
Patent (No, Kind, Date): EP 1045541 B1
 MULTIRESOLUTION
                  TRANSMISSION
                                AND
                                      ERROR
                                              CORRECTION CODING WITH
   MULTICARRIER SIGNALS (English; French; German)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): EP 2000114700 A 19930326
 Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
   IT; LI; LU; MC; NL; PT; SE
 IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
   ; HO4N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
      00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): EP 1049283 B1 20020424
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MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
     ; German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
     19920326; JP 92256070 A 19920925
   Applic (No, Kind, Date): EP 2000114693 A 19930326
   Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
     IT; LI; LU; MC; NL; PT; SE
   IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
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        00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
     G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
    G 01-063441; G 02-050566
   JAPIO Reference No: * 180486E000144
   Language of Document: English
  Patent (No, Kind, Date): EP 1049284 B1 20020306
   MULTIRESOLUTION TRANSMISSION WITH MULTICARRIER SIGNALS (English; French
     ; German)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): EP 93302369 A3 19930326; JP 9267934 A
     19920326; JP 92256070 A 19920925
   Applic (No, Kind, Date): EP 2000114695 A 19930326
   Designated States: (National) AT; BE; CH; DE; DK; ES; FR; GB; GR; IE;
     IT; LI; LU; MC; NL; PT; SE
   IPC: * H04L-001/00; H04L-027/02; H04L-027/18; H04L-027/26; H04L-027/34
     ; H04N-007/24
   Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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     G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
    G 01-063441; G 02-050566
   JAPIO Reference No: * 180486E000144
   Language of Document: English
EUROPEAN PATENT OFFICE (EP)
 Legal Status (No, Type, Date, Code, Text):
                     19910327 EP AA
                                             PRIORITY (PATENT
   EP 506400
                  Р
                            APPLICATION) (PRIORITAET (PATENTANMELDUNG))
                            JP 9162798 A 19910327
   EP 506400
                 P 19910425 EP AA
                                             PRIORITY (PATENT
                            APPLICATION) (PRIORITAET (PATENTANMELDUNG))
                            JP 9195813 A 19910425
                      19910529 EP AA
   EP 506400
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                                             PRIORITY (PATENT
                            APPLICATION) (PRIORITAET (PATENTANMELDUNG))
                                             19910529
                            JP 91155650 A
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                      19910723 EP AA
   EP 506400
                                             PRIORITY (PATENT
                            APPLICATION) (PRIORITAET (PATENTANMELDUNG))
                            JP 91182236 A
                                             19910723
                      19920317 EP AA
   EP 506400
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                                             PRIORITY (PATENT
                            APPLICATION) (PRIORITAET (PATENTANMELDUNG))
                            JP 9260739 A 19920317
   EP 506400
                  P
                      19920326 EP AE
                                            EP-APPLICATION
                             (EUROPAEISCHE ANMELDUNG)
                            EP 92302627 A 19920326
   EP 506400 P
                                             DESIGNATED CONTRACTING
                      19920930 EP AK
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                            RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
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EP 506400	P	19920930 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 506400	P	ANMELDUNG OHNE RECHERCHENBERICHT) 19930526 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT (IN EINEM
		RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 506400	P	DE FR GB NL 19930526 EP A3 SEPARATE PUBLICATION OF THE
Er 300400	F	SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 506400	P	(ART. 93)) 19940112 EP 17P REQUEST FOR EXAMINATION
22 333133	_	FILED (PRUEFUNGSANTRAG GESTELLT) 931117
EP 506400	P	19960110 EP 17Q FIRST EXAMINATION REPORT
		(ERSTER PRUEFUNGSBESCHEID) 951127
EP 506400	P	19970402 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
	_	EP 766478 P
EP 506400	Р	19971217 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:
		(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
		VERTRAGSSTAATEN) DE FR GB NL
EP 506400	P	19971217 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 506400	P	19971217 EP DX MISCELLANEOUS: (DELETED)
EP 506400	P	(DIVERSES: (GELOESCHT)) 19980129 EP REF CORRESPONDS TO:
		(ENTSPRICHT)
EP 506400	P	DE 69223541 P 19980129 19980320 EP ET FR: TRANSLATION FILED (FR:
EP 506400	P	TRADUCTION A ETE REMISE) 19981209 EP 26N NO OPPOSITION FILED (KEIN
EP 306400		EINSPRUCH EINGELEGT)
EP 506400	P	20000119 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
	_	EP 973335 P 20000126 EP AH DIVISIONAL APPLICATION (ART.
EP 506400	P	20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
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EP 506400	P	20000126 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 506400	P	EP 975169 P 20000126 EP AH DIVISIONAL APPLICATION (ART.
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EP 506400	P	EP 975170 P 20000126 EP AH DIVISIONAL APPLICATION (ART.
Er 300400	F	76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 506400	P	EP 975171 P 20000126 EP AH DIVISIONAL APPLICATION (ART.
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EP 506400	P	EP 975172 P 20000126 EP AH DIVISIONAL APPLICATION (ART.
HI 300400	_	76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 506400	P	EP 975173 P 20000126 EP AH DIVISIONAL APPLICATION (ART.
	-	76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 506400	P	EP 975174 P 20001102 EP AH DIVISIONAL APPLICATION (ART.
	-	76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 506400	P	EP 1049334 P 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
EP 506400	Р	OF 2002-01-01 20020327 EP AH DIVISIONAL APPLICATION (ART.
EF 300400	۲	76) IN: (TEILANMELDUNG (ART. 76) IN:)

		EP 766478 P
EP 506400	P	20020327 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 506400	P	EP 975168 P 20020327 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975171 P
EP 506400	Р	20020327 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975172 P
EP 506400	P	20020327 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 975173 P
EP 555031	P	19920129 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 555031	P	JP 9213809 A 19920129 19920228 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 555031	Р	JP 9242558 A 19920228 19920309 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 555031	Р	JP 9250328 A 19920309 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 555031	P	JP 9268031 A 19920326 19920430 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 555031	Р	JP 92111176 A 19920430 19920722 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92194450 A 19920722
EP 555031	Р	19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 555031	Р	JP 92280874 A 19920925 19930129 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 93300695 A 19930129
EP 555031	P	19930811 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 555031	P	19930811 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 555031	P	
EP 555031	P	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 555031	Р	PT SE 19951115 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 555031	P	19970402 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)

EP	555031	P	970214 19981223 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN)
EP	562875	P	980626 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	562875	Р	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925
EP	562875	P	19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 93302369 A 19930326
EP	562875	P	19930929 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP	562875	P	
EP	562875	P	19930929 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 930403
EP	562875	P	19960417 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 960306
EP	562875	P	20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP	562875	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP	562875	P	EP 2000114690 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114692 A 20000708
EP	562875	P	20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP	562875	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
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EP	562875	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP	562875	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP	562875	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP	562875	P	EP 2000114698 A 20000708 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))

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EP 2000114699 A 20000708
                  20000830 EP RAHF DIVISIONAL APPLICATION (ART
EP 562875
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                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
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                                        20000708
                        EP 2000114700 A
                  20000830 EP RAHF DIVISIONAL APPLICATION (ART
EP 562875
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                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        EP 2000114701 A
                                        20000708
                  20000830 EP RAHF DIVISIONAL APPLICATION (ART
EP 562875
              Ρ
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        EP 2000114702 A
                                        20000708
                  20000927 EP AH
                                       DIVISIONAL APPLICATION (ART.
EP 562875
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1039673 P
                                        DIVISIONAL APPLICATION (ART.
EP 562875
              Ρ
                  20000927 EP AH
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1039674 P
EP 562875
                  20000927 EP AH
                                        DIVISIONAL APPLICATION (ART.
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1039675 P
                  20000927 EP AH
                                        DIVISIONAL APPLICATION (ART.
EP 562875
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1039676 P
                  20000927 EP AH
                                        DIVISIONAL APPLICATION (ART.
EP 562875
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1039677 P
EP 562875
                  20000927 EP AH
                                        DIVISIONAL APPLICATION (ART.
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1039678 P
                  20000927 EP AH
                                        DIVISIONAL APPLICATION (ART.
EP 562875
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1039679 P
                  20000927 EP AH
                                        DIVISIONAL APPLICATION (ART.
EP 562875
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1039680 P
EP 562875 P
                  20000927 EP AH
                                        DIVISIONAL APPLICATION (ART.
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1039681 P
EP 562875
              Ρ
                  20000927 EP AH
                                        DIVISIONAL APPLICATION (ART.
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1039682 P
EP 562875
              Ρ
                  20001018 EP AH
                                        DIVISIONAL APPLICATION (ART.
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1045541 P
EP 562875
              Р
                  20001102 EP AH
                                        DIVISIONAL APPLICATION (ART.
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1049283 P
EP 562875
                  20001102 EP AH
                                        DIVISIONAL APPLICATION (ART.
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1049284 P
EP 562875
              Ρ
                  20010926 EP RAHF
                                        DIVISIONAL APPLICATION (ART
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        1039673
                        EP 2000114689 A 20000708
                  20010926 EP RAHF DIVISIONAL APPLICATION (ART
EP 562875 P
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        1039674
                        EP 2000114690 A 20000708
EP 562875
                  20010926 EP RAHF DIVISIONAL APPLICATION (ART
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
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                        EP 2000114692 A 20000708
                  20010926 EP RAHF DIVISIONAL APPLICATION (ART
EP 562875
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76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                       76) IN: (KORR.))
                       1049283
                       EP 2000114693 A 20000708
EP 562875 P 20010926 EP RAHF DIVISIONAL APPLICATION (ART
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                       76) IN: (KORR.))
                       1039676
                       EP 2000114694 A 20000708
                 20010926 EP RAHF DIVISIONAL APPLICATION (ART
EP 562875 P
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                       76) IN: (KORR.))
                       1049284
                       EP 2000114695 A 20000708
EP 562875 P 20010926 EP RAHF DIVISIONAL APPLICATION (ART
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                       76) IN: (KORR.))
                       1039677
                       EP 2000114696 A 20000708
EP 562875 P 20010926 EP RAHF DIVISIONAL APPLICATION (ART
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                       76) IN: (KORR.))
                       1039678
                       EP 2000114697 A 20000708
EP 562875 P 20010926 EP RAHF DIVISIONAL APPLICATION (ART
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                       76) IN: (KORR.))
                       1039679
                       EP 2000114698 A 20000708
EP 562875 P 20010926 EP RAHF DIVISIONAL APPLICATION (ART
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                       76) IN: (KORR.))
                       1039680
                       EP 2000114699 A 20000708
                 20010926 EP RAHF DIVISIONAL APPLICATION (ART
EP 562875 P
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                       76) IN: (KORR.))
                       1045541
                       EP 2000114700 A 20000708
EP 562875 P 20010926 EP RAHF DIVISIONAL APPLICATION (ART
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                       76) IN: (KORR.))
                       1039681
                       EP 2000114701 A 20000708
                 20010926 EP RAHF DIVISIONAL APPLICATION (ART
EP 562875 P
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                       76) IN: (KORR.))
                       1039682
                       EP 2000114702 A 20000708
                 20010926 EP RAHF DIVISIONAL APPLICATION (ART
EP 562875 P
                       76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                       76) IN: (KORR.))
                       EP 2001118510 A
                                      20010801
                 20011114 EP AH DIVISIONAL APPLICATION (ART.
EP 562875 P
                       76) IN: (TEILANMELDUNG (ART. 76) IN:)
                       EP 1154608 P
EP 562875 P
                 20020306 EP AH
                                     DIVISIONAL APPLICATION (ART.
                       76) IN: (TEILANMELDUNG (ART. 76) IN:)
                       EP 1039675 P
EP 562875 P
                 20020306 EP AH
                                     DIVISIONAL APPLICATION (ART.
                       76) IN: (TEILANMELDUNG (ART. 76) IN:)
                       EP 1039680 P
EP 562875 P
                 20020306 EP AH
                                     DIVISIONAL APPLICATION (ART.
                       76) IN: (TEILANMELDUNG (ART. 76) IN:)
                       EP 1039682 P
EP 562875 P 20020306 EP AH
                                      DIVISIONAL APPLICATION (ART.
                       76) IN: (TEILANMELDUNG (ART. 76) IN:)
                       EP 1045541 P
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EP	562875	P	-	06 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) CP 1049284 P
EP	562875	P	2002042	P 1049264 P 24 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) CP 1039673 P
EP	562875	P	2002042	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) DP 1039674 P
EP	562875	P	2002042	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) DIVISIONAL APPLICATION (ART. 76) IN:)
EP	562875	P	2002042	24 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) CP 1039677 P
EP	562875	P	2002042	24 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) CP 1039678 P
EP	562875	P	2002042	24 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	562875	P	2002042	DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) DIVISIONAL APPLICATION (ART. 76) IN:)
EP	562875	P	2002042	24 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) CP 1049283 P
EP	564187	P	1992032	PRIORITY (PATENT (PATENTANMELDUNG))
EP	564187	P	1992043	P 9268031 A 19920326 BO EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	564187	Р	1992072	PP 92111176 A 19920430 PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	564187	Р	1992092	PP 92194450 A 19920722 S EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	564187	Р	1992102	JP 92280874 A 19920925 21 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	564187	P	1992123	JP 92282666 A 19921021 .1 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	564187	P	1993012	JP 92331300 A 19921211 21 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	564187	Р	1993032	JP 938596 A 19930121 26 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP	564187	P	1993100 S	EP 93302365 A 19930326 DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP	564187	Р	1993100 1	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE D6 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)

EP	564187	P	19931006 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 930403
EP	564187	P	19951206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP	564187	P	19951206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP	564187	P	19970402 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 970214
EP	564187	P	19980225 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 970826
EP	589709	P	19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	589709	P	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	589709	P	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	589709	P	JP 93132984 A 19930510 19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP	589709	Р	EP 93307575 A 19930924 19940330 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP	589709	P	19940330 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP	589709	P	19940330 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 931002
EP	589709	P	19940928 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP	589709	P	19940928 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP	589709	Р	(ART. 93)) 19970102 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP	589709	P	961115 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP	589709	Р	EP 2000114572 A 20000707 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000114573 A 20000707

EP 589709	Р	20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	P	EP 2000114574 A 20000707 20000830 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	Р	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	Р	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 589709		76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1035693 P
EP 589709	P	20000913 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1035694 P
EP 589709	P	20000913 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1035695 P
EP 589709	P	20000913 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 589709	P	EP 1035696 P 20000913 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 589709	P	EP 1035697 P 20000913 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1035698 P
EP 589709	P	20000927 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1039672 P
EP 589709	P	20001102 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1049282 P
EP 589709	P	20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1035693 EP 2000114572 A 20000707
EP 589709	Р	20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1035694
EP 589709	P	EP 2000114573 A 20000707 20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1049282
EP 589709	Р	76) IN: (TEILANMELDUNG (ART. 76) IN:) 1035695
EP 589709	Р	EP 2000114575 A 20000707 20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1039672
		EP 2000114576 A 20000707

EP	589709	P	20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1035696
EP	589709	P	76) IN: (TEILANMELDUNG (ART. 76) IN:) 1035697
EP	589709	P	EP 2000114578 A 20000707 20010829 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) 1035698
EP	589709	P	STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EΡ	589709	P	PT SE 20010829 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP	589709	P	(PATENISCHRIFI) 20010829 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 205032 R 20010915
EP	589709	P	20010829 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/18 B
ΕP	589709	P	20010831 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
ΕP	589709	P	20011003 IE FG4D/REG EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
EP	589709	Р	20011004 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69330665 P 20011004
EР	589709	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP	589709	P	20020125 EP EN FR: TRANSLATION NOT FILED (FR: TRADUCTION N'A PAS ETE REMISE)
	589709	P	20020201 EP NLV1 NL: LAPSED OR ANNULED DUE TO FAILURE TO FULFILL THE REQUIREMENTS OF ART. 29P AND 29M OF THE PATENTS ACT; NO LEGAL EFFECT FROM THE DATE OF (NL: WIRKUNG IN NL NICHT EINGETRETEN (ART. 29P UND 29M NL PATG.))
	589709		20020228 CH PL/REG PATENT CEASED (LOESCHUNG/RADIATION/RADIAZION)
EP	589709	P	20020410 EP 25 LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT) AT 20010829
EP	589709	P	20020515 EP 25 LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT) AT 20010829
EP	589709	P	20020515 EP 25 LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT) AT 20010829
EP	589709	P	20020626 EP 25 LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT) AT 20010829
EP	589709	Р	20020626 EP 25 LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT) AT 20010829
EP	589709	P	20020626 EP 25 LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT) AT 20010829
EP	589709	P	20020717 EP 25 LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT) AT 20010829
EP	589709	P	20020717 EP 25 LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT)

EP 589709	BE 20010829 P 20020717 EP 25 LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT)
EP 589709	PT 20011129 P 20020717 EP 25 LAPSED IN A CONTRACTING STATE (ERLOSCHEN IN EINEM VERTRAGSSTAAT)
EP 608126	SE 20011129 P 19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 608126	JP 938596 A 19930121 P 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 608126	JP 9392219 A 19930325 P 19930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 608126	JP 93107423 A 19930409 P 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 608126	JP 93205682 A 19930727 P 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 608126	JP 93297504 A 19931102 P 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 608126	JP 93314114 A 19931119 P 19940119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 608126	EP 94300403 A 19940119 P 19940727 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE
	RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 608126	PT SE P 19940727 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 608126	ANMELDUNG OHNE RECHERCHENBERICHT) P 19940727 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 940127
EP 608126	P 19951129 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 608126	P 19951129 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 608126	(ART. 93)) P 19970903 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 608126	970722 P 19980527 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 608126	EP 844611 P P 19980527 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 608126	EP 844612 P P 19980729 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN) 980203

EP	609013	P		21 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	609013	P	1993032	JP 938596 A 19930121 25 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	609013	P	1993040	JP 9392219 A 19930325 D9 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	609013	Р	199307	JP 93107423 A 19930409 27 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	609013	P	1993110	JP 93205682 A 19930727 D2 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	609013	Р	199311	JP 93297504 A 19931102 19 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	609013	P	199401	JP 93314114 A 19931119 19 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 94300402 A 19940119
EP	609013	P	199408	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP	609013	Р	199408	PT SE 03 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP	609013	P	199408	O3 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 940127
EP	609013	P		29 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP	609013	P	199511	29 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP	609013	P	199709	(ART. 93)) 03 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 970722
EP	609013	P	199804	01 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP	609013	P	199812	EP 833319 P 23 EP 18D DEEMED TO BE WITHDRAWN (ALS ZURUECKGENOMMEN GELTEN)
EP	609617	P	199212	980626 01 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	609617	P	199301	JP 92321063 A 19921201 21 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	609617	P	199307	JP 938596 A 19930121 27 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 609617	(EUROPAEISCHE ANMELDUNG)
EP 609617	EP 93309619 A 19931201 P 19940810 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 609617	BE DE FR GB NL P 19940810 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 609617	
EP 609617	* *
EP 609617	BE DE FR GB NL P 19961211 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 609617	
EP 617531	
EP 617531	JP 9366461 A 19930325 P 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 617531	JP 93132984 A 19930510 P 19930924 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 617531	(EUROPAEISCHE ANMELDUNG)
EP 617531	EP 94302149 A 19940324 P 19940928 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 617531	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 617531	ANMELDUNG MIT RECHERCHENBERICHT) P 19940928 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 940402
EP 617531	P 19970102 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
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EP 637016	P 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	JP 93205682 A 19930727 P 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 637016	JP 93297504 A 19931102 P 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 637016	JP 93314114 A 19931119 P 19940418 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
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			PREVIOUS PARAMETERS
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EP	637016	P	20010615 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP	637016	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EΡ	637016	P	20020227 EP 26N NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP	689200	P	19931228 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	689200	P	JP 93335165 A 19931228 19940120 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
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EP	689200	P	JP 94104879 A 19940418 19940707 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	689200	P	JP 94156089 A 19940707 19941202 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	689200	P	JP 94299508 A 19941202 19941228 EP AA PCT-APPLICATION (PCT-ANMELDUNG) WO 94JP2304 W 19941228
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EP 706174	P	JP 94104879 A 19940418 19941117 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
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EP 741382	P	JP 94283415 A 19941117 19950202 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
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EP	741382	P	DE FR GB 19961106 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
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ΕP	766478	Р	JP 9260739 A 19920317 19920326 EP AA DIVIDED OUT OF (AUSCHEIDUNG AUS)
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		JP 95261247 A 19951009
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EP 80252	7 P 19	JP 968910 A 19960123 960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
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EP	802527	P	2001082	EP 2000102967 A 20000211 29 EP AHF DIVISIONAL APPLICATION (76) IN: (TEILANMELDUNG (ART. 76) IN:) 1005026	ART.
EP	802527	P	2001082 7	EP 2000102968 A 20000211 29 EP AHF DIVISIONAL APPLICATION (76) IN: (TEILANMELDUNG (ART. 76) IN:) 1005027	ART.
EP	802527	P	2001082 7	EP 2000102969 A 20000211 29 EP AHF DIVISIONAL APPLICATION (76) IN: (TEILANMELDUNG (ART. 76) IN:) 1024478	(ART.
EP	802527	P	2001082	EP 2000102970 A 20000211 29 EP AHF DIVISIONAL APPLICATION (76) IN: (TEILANMELDUNG (ART. 76) IN:) 1005028	(ART.
EP	802527	P	2001082 S (EP 2000102971 A 20000211 29 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATIO (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENAN VERTRAGSSTAATEN)	
EP	802527	P	2001082	DE FR GB 29 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)	
EP	802527	P	2001100	04 EP REF CORRESPONDS TO: (ENTSPRICHT)	
EP	802527	P		DE 69614823 P 20011004 07 EP ET FR: TRANSLATION FILED ((FR:
EP	802527	P	2002010	TRADUCTION A ETE REMISE) 01 GB IF02/REG EUROPEAN PATENT IN FORCE	E AS
EP	802527	P	2002010	OF 2002-01-01 02 EP AH DIVISIONAL APPLICATION (76) IN: (TEILANMELDUNG (ART. 76) IN:)	(ART.
EΡ	802527	P	2002010	EP 1005025 P 02 EP AH DIVISIONAL APPLICATION (76) IN: (TEILANMELDUNG (ART. 76) IN:)	(ART.
EP	802527	P	2002042	EP 1168328 P 24 EP AH DIVISIONAL APPLICATION (76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005028 P	(ART.
EP	802527	P	2002050	02 EP AH DIVISIONAL APPLICATION (76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1024478 P	(ART.
EP	802527	P	2002052	22 EP AH DIVISIONAL APPLICATION (76) IN: (TEILANMELDUNG (ART. 76) IN:)	(ART.

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EP 807929	Р	EP 1005023 P 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 807929	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 807929	Р	JP 968910 A 19960123 19960515 EP AA PCT-APPLICATION (PCT-ANMELDUNG)
EP 807929	P	WO 96JP1303 W 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 96915172 A 19960515
EP 807929	Р	19971119 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 807929	Р	DE FR GB 19971119 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 807929	P	19971119 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 807929	Р	970918 19971210 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A SUPPLEMENTARY SEARCH REPORT: (IN EINEM ERGAENZENDEN RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP 807929	Р	DE FR GB 19971210 EP A4 SUPPLEMENTARY SEARCH REPORT (ERGAENZENDER RECHERCHENBERICHT) 971022
EP 807929	Р	19990922 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
. EP 807929	P	19990804 20000322 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	Р	EP 2000101774 A 20000128 20000412 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	Р	EP 2000101774 A 20000128
EP 807929	Р	EP 2000101775 A 20000128
EP 807929	Р	EP 2000103257 A 20000217
EP 807929	Р	EP 2000101774 A 20000128 20000503 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	Р	EP 2000101775 A 20000128
EP 807929	P	EP 2000103257 A 20000217

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76) IN: (KORR.))
                        EP 2000104818 A
                                         20000306
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EP 807929
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                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        EP 2000105014 A
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EP 807929
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                        76) IN: (KORR.))
                        EP 2000101774 A
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                        76) IN: (KORR.))
                        EP 2000101775 A
                                         20000128
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EP 807929
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                        76) IN: (KORR.))
                        EP 2000103257 A
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EP 807929
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                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
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                        EP 2000105014 A
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                        76) IN: (KORR.))
                        EP 2000106447 A
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EP 807929
                  20000524 EP AH
                                        DIVISIONAL APPLICATION (ART.
               Ρ
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1003162 P
EP 807929
                   20000531 EP AH
                                        DIVISIONAL APPLICATION (ART.
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1005033 P
                   20000531 EP AH
                                        DIVISIONAL APPLICATION (ART.
EP 807929
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1005034 P
                   20000531 EP AH
                                        DIVISIONAL APPLICATION (ART.
EP 807929
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1005035 P
                                        DIVISIONAL APPLICATION (ART.
EP 807929
               Р
                   20000607 EP AH
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1006516 P
                   20000607 EP AH
                                        DIVISIONAL APPLICATION (ART.
EP 807929
                        76) IN: (TEILANMELDUNG (ART. 76) IN:)
                        EP 1006517 P
EP 807929
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                   20000705 EP RAHF
                                        DIVISIONAL APPLICATION (ART
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                        76) IN: (KORR.))
                        1005033
                        EP 2000101774 A 20000128
EP 807929
             P
                   20000705 EP RAHF DIVISIONAL APPLICATION (ART
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         1005034
                        EP 2000101775 A 20000128
EP 807929
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                   20000705 EP RAHF DIVISIONAL APPLICATION (ART
                         76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         1003162
                        EP 2000103257 A 20000217
                   20000705 EP RAHF DIVISIONAL APPLICATION (ART
EP 807929 P
                        76) IN: (CORRECTION) (TEILANMELDUNG (ART.
                         76) IN: (KORR.))
                         1005035
                        EP 2000104818 A 20000306
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EP 807929	P	20000705 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1006516
EP 807929	P	EP 2000105014 A 20000309 20000705 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1006517
EP 807929	Р	EP 2000106447 A 20000324
EP 807929	P	20000705 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	Р	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	EP 2000110461 A 20000516 20000802 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1005033
EP 807929	Р	EP 2000101774 A 20000128 20000802 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1005034
EP 807929	Р	EP 2000101775 A 20000128 20000802 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	Р	1003162 EP 2000103257 A 20000217 20000802 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) 1005035
EP 807929	Р	EP 2000104818 A 20000306
EP 807929	P	EP 2000105014 A 20000309
EP 807929	Р	EP 2000106447 A 20000324 20000802 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	Р	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	P	76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.))
EP 807929	Р	EP 2000110461 A 20000516 20000802 EP RAHF DIVISIONAL APPLICATION (ART 76) IN: (CORRECTION) (TEILANMELDUNG (ART. 76) IN: (KORR.)) EP 2000112310 A 20000608

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EP 807929	Þ	20000816 EP AH DIVISIONAL APPLICATION (ART.
EF 007929	·	76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1028422 P
EP 807929	Р	20000816 EP AH DIVISIONAL APPLICATION (ART.
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
ED 007000	Б	EP 1028423 P 20000823 EP AH DIVISIONAL APPLICATION (ART.
EP 807929	P	76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1030297 P
EP 807929	P	20000830 EP AH DIVISIONAL APPLICATION (ART.
		76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1031974 P
EP 807929	P	
51 007727	-	(KLASSIFIKATION (KORR.))
		7G 11B 7/007 A, 7G 11B 7/24 B, 7G 06K 19/00
		В, 7G 11B 20/10 В, 7G 11B 20/00 В, 7G 06F 1/00 В
EP 807929	P	
	~	(KORR.))
	_	OPTICAL DISK PROVIDED WITH BAR CODE
EP 807929	P	20001102 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1003162 P
EP 807929	P	20001102 EP AH DIVISIONAL APPLICATION (ART.
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
EP 807929	P	EP 1005034 P 20001102 EP AH DIVISIONAL APPLICATION (ART.
EF 00/929	L	76) IN: (TEILANMELDUNG (ART. 76) IN:)
		EP 1005035 P
EP 807929	P	
		76) IN: (TEILANMELDUNG (ART. 76) IN:) 1005033
		EP 2000101774 A 20000128
EP 807929	P	
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1005034 EP 2000101775 A 20000128
EP 807929	P	20010228 EP AHF DIVISIONAL APPLICATION (ART.
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1003162 EP 2000103257 A 20000217
EP 807929	Р	20010228 EP AHF DIVISIONAL APPLICATION (ART.
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1005035
EP 807929	Р	EP 2000104818 A 20000306 20010228 EP AHF DIVISIONAL APPLICATION (ART.
	_	76) IN: (TEILANMELDUNG (ART. 76) IN:)
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EP 807929	D	EP 2000105014 A 20000309 20010228 EP AHF DIVISIONAL APPLICATION (ART.
EF 60/929	E	76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1006517
DD 007000	_	EP 2000106447 A 20000324
EP 807929	Р	20010228 EP AHF DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1028422
		EP 2000109898 A 20000510
EP 807929	Р	
		76) IN: (TEILANMELDUNG (ART. 76) IN:) 1028423
		EP 2000109899 A 20000510
EP 807929	P	
		76) IN: (TEILANMELDUNG (ART. 76) IN:) 1030297
		EP 2000110461 A 20000516
EP 807929	P	20010228 EP AHF DIVISIONAL APPLICATION (ART.
		76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1031974

EP	807929	P	EP 2000112310 A 20000608 20010228 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:
			(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) DE FR GB
ΕP	807929	P	20010228 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP	807929	P	20010405 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69611906 P 20010405
EP	807929	Р	20010615 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP	807929	P	20010816 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1031974 P
EP	807929	P	20010919 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1005033 P
EP	807929	P	20011121 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1006516 P
EP	807929	P	20011128 EP AH DIVISIONAL APPLICATION (ART. 76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1006517 P
EP	807929	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP	807929	P	20020220 EP 26N NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP	833319	P	19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	833319	P	JP 938596 A 19930121 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	833319	P	JP 9392219 A 19930325 19930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	833319	Р	JP 93107423 A 19930409 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	833319	P	JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
ΕP	833319	P	JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	833319	P	JP 93314114 A 19931119 19940119 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 94300402 A3 19940119
EP	833319	P	19940119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP	833319	P	EP 97118775 A 19940119 19980401 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP	833319	P	EP 609013 P 19980401 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL

		DM CD
EP 833319	Р	PT SE 19980401 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 833319	Р	ANMELDUNG OHNE RECHERCHENBERICHT) 19980401 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 971029
EP 833319	P	19980429 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI ; SHIMIZU, RYOSUKE ; KOUDO, TOSHIKAZU ; YOSHIURA, TSUKASA ; MATSUURA,
EP 833319	P	(KLASSIFIKATION (KORR.))
EP 833319	P	7G 11B 13/04 A, 7G 11B 20/12 B 20020403 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 833319	P	20020403 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 844611	Р	19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	P	JP 938596 A 19930121 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	P	JP 9392219 A 19930325 19930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	Р	JP 93107423 A 19930409 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	P	JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	P	JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844611	·P	JP 93314114 A 19931119 19940119 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 94300403 A3 19940119
EP 844611	P	19940119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 98100524 A 19940119
EP 844611	Р	19980527 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 844611	P	EP 608126 P 19980527 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE

REPORT: (IN EINER ANMELDUNG OHNE
RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
PT SE

EP 844611 P 19980527 EP A2 PUBLICATION OF APPLICATION
WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
ANMELDUNG OHNE RECHERCHENBERICHT)

EP 844611	P	19980527 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 844612	P	980114 19930121 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	JP 938596 A 19930121 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	JP 9392219 A 19930325 19930409 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	Р	JP 93107423 A 19930409 19930727 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	Р	JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 844612	P	JP 93314114 A 19931119 19940119 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 94300403 A3 19940119
EP 844612	P	19940119 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 844612	P	EP 98100525 A 19940119 19980527 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 844612	P	EP 608126 P 19980527 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 844612	P	PT SE 19980527 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 844612	Р	ANMELDUNG OHNE RECHERCHENBERICHT) 19980527 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 971345	Р	980114 19961219 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 971345	Р	JP 96339304 A 19961219 · 19970122 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 971345	P	JP 979318 A 19970122 19970924 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 971345	P	JP 97259110 A 19970924 19971217 EP AA PCT-APPLICATION (PCT-ANMELDUNG)
EP 971345	P	WO 97JP4664 W 19971217 19971217 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 971345	P	EP 97949124 A 19971217 20000112 EP AK DESIGNATED CONTRACTING

STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

EP 971345	P 2000	DE FR GB IT NL 0112 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 971345	P 2000	ANMELDUNG MIT RECHERCHENBERICHT) 0112 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 973335	P 1991	19990719 0327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 973335	P 1991	JP 9162798 A 19910327 0425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 973335	P 1991	JP 9195813 A 19910425 0529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 973335	P 1991	JP 91155650 A 19910529 0723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 973335	P 1992	JP 91182236 A 19910723 0317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 973335	P 1992	JP 9260739 A 19920317 0326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 973335	P 1992	EP 92302627 A3 19920326 0326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 973335	P 1992	EP 96119060 A3 19920326 0326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 973335	P 2000	EP 99119278 A 19920326 0119 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 973335	P 2000	EP 506400 P 0119 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 973335	P 2000	DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 973335	P 2000	DE FR GB NL 0119 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 973335	P 2000	O119 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991015
EP 973335	P 2000	1004 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 973335	P 2000	1115 EP K1C3 CORRECTION OF PATENT APPLICATION (COMPLETE REPRINT) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (KOMPLETTNEUDRUCK) ERSCHIENEN) 20000119
EP 973335	P 2000	20000119 1206 EP RPR1 PRIORITY (CORRECTION) (PRIORITAET (KORR.)) JP 19910327 6279891 ; JP 19910425 9581391 ; JP 19910529 15565091 ; JP 19910723 18223691 ; JP 19920317 6073992

EP	973335	P	20011205 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP	975168	P	20011018 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	975168	P	JP 9162798 A 19910327 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	975168	P	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	975168	P	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	975168	P	JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	975168	P	(AUSSCHEIDUNG AUS)
· EP	975168	P	EP 92302627 A3 19920326 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP	975168	P	EP 96119060 A3 19920326 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP	975168	P	EP 99119266 A 19920326 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP	975168	P	EP 506400 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP	975168	P	EP 766478 P 20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP	975168	Р	DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP	975168	P	20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991022
EP	975168	P	20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP	975168	P	20001115 EP K1C3 CORRECTION OF PATENT APPLICATION (COMPLETE REPRINT) PUBLISHED (BERICHTIGUNG DER PATENTANMELDUNG (KOMPLETTNEUDRUCK) ERSCHIENEN) 20000126
EP	975168	P	20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010227
EP	975168	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
EP	975168	Р	OF 2002-01-01 20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP	975168	P	EP 506400 P 20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP	975168	P	EP 766478 P 20020327 EP AK DESIGNATED CONTRACTING

STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) DE FR GB NL

EP 975168	DE FR GB NL P 20020327 EP B1 PATENT SPECIFICATION
EP 975168	(PATENTSCHRIFT) P 20020502 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP 975169	DE 69232526 P 20020502 P 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975169	JP 9162798 A 19910327 P 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975169	JP 9195813 A 19910425 P 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975169	JP 91155650 A 19910529 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975169	JP 91182236 A 19910723 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975169	JP 9260739 A 19920317 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 975169	EP 92302627 A3 19920326 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 975169	EP 96119060 A3 19920326 P 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 975169	EP 99121006 A 19920326 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975169	EP 506400 P P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975169	EP 766478 P P 20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 975169	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 975169	ANMELDUNG MIT RECHERCHENBERICHT) P 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 975169	19991021 P 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G))
EP 975170	DE FR GB NL P 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975170	JP 9162798 A 19910327 P 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975170	JP 9195813 A 19910425 P 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 975170	JP 91155650 A 19910529 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975170	JP 91182236 A 19910723 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975170	JP 9260739 A 19920317 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 92302627 A3 19920326
EP 975170	P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96119060 A3 19920326
EP 975170	P 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 99121007 A 19920326
EP 975170	P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 975170	EP 506400 P P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 975170	P 20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 975170	DE FR GB NL P 20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 975170	ANMELDUNG MIT RECHERCHENBERICHT) P 20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021
EP 975170	P 20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 975171	P 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	JP 9162798 A 19910327 P 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	JP 9195813 A 19910425 P 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	JP 91155650 A 19910529 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	JP 91182236 A 19910723 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975171	JP 9260739 A 19920317 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 975171	EP 92302627 A3 19920326 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 975171	EP 96119060 A3 19920326 P 19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 99121008 A 19920326

EP 975171	P	20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 975171	P	20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 766478 P
EP 975171	P	20000126 EP AK DESIGNATED CONTRACTING
		STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		(IN BINER MANABOOKS BERNAND VERTICOSSIENDER)
	_	DE FR GB NL
EP 975171	P	20000126 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
		ANMELDUNG MIT RECHERCHENBERICHT)
EP 975171	P	20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		19991021
EP 975171	P	20001011 EP AKX PAYMENT OF DESIGNATION FEES
		(NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 975171	P	20010418 EP 17Q FIRST EXAMINATION REPORT
		(ERSTER PRUEFUNGSBESCHEID)
EP 975171	Р	20010227 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
		OF 2002-01-01
EP 975171	P	20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 506400 P
EP 975171	P	20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 766478 P
EP 975171	P	20020327 EP AK DESIGNATED CONTRACTING
		STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
		VERTRAGSSTAATEN)
EP 975171	מ	DE FR GB NL 20020327 EP B1 PATENT SPECIFICATION
EF 9/31/1	Ē	(PATENTSCHRIFT)
EP 975171	P	20020502 EP REF CORRESPONDS TO:
		(ENTSPRICHT) DE 69232527 P 20020502
EP 975172	P	19910327 EP AA PRIORITY (PATENT
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9162798 A 19910327
EP 975172	P	19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		APPLICATION) (PRIORITALI (PATENTANNELDONG))
ED 075170	5	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT
EP 9/51/2	Р	19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
FD 975172	D	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT
BI 373172	L	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 91182236 A 19910723
EP 975172	P	
_		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9260739 A 19920317
EP 975172	P	19920326 EP AA DIVIDED OUT OF
		(AUSSCHEIDUNG AUS) EP 92302627 A3 19920326
EP 975172	P	
		(AUSSCHEIDUNG AUS)
EP 975172	P	EP 96119060 A3 19920326 19920326 EP AE EP-APPLICATION
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EP 975172	(EUROPAEISCHE ANMELDUNG) EP 99121024 A 19920326 P 20000126 EP AC DIVISIONAL APPLICATION (ART.
	76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 975172	P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 975172	STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 975172	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 975172	ANMELDUNG MIT RECHERCHENBERICHT) P 20000301 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021
EP 975172	
EP 975172	P 20010404 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010222
EP 975172	
EP 975172	P 20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 975172	
EP 975172	
EP 975172	P 20020327 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 975172	P 20020502 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69232529 P 20020502
EP 975173	P 19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173	JP 9162798 A 19910327 P 19910425 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173	JP 9195813 A 19910425 P 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173	JP 91155650 A 19910529 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173	JP 91182236 A 19910723 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 975173	JP 9260739 A 19920317 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 975173	EP 92302627 A3 19920326 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)

EP 975173 P 19920326 EP AE EP-APPLICATION (EUROPEAN EISCHE ANNELDUNG) EP 99121025 A 19920326 EP 975173 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILAMMELDUNG (ART. 76) AUS:) EP 975173 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) AUS:) EP 975173 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) AUS:) EP 975173 P 20000126 EP AC DESIGNATED CONTRACTING STATES IN AM APPLICATION WITH SEARCH REPORT: (IN EIDER AMMELDUNG BENANNE VERTRACSTAATEN) DE FR GB NL EP 975173 P 20000126 EP AC AUS:) EP 975173 P 20000126 EP AC EP A	P 975173			
EUROPACISCHE ANMELDUNG) EP 975173 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 975173 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 975173 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) AUS:) EP 975173 P 20000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER AMMELDUNG BENANNTE VERTRAGSSTAATEN) EP 975173 P 20000126 EP AI PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER AMMELDUNG MIT RECHERCHENBERKEICHT) EP 975173 P 20000126 EP 17 REQUEST FOR EXAMINATION FILED (PROJECTIONSANTRAG GESTELLT) 19991021 EP 975173 P 20001011 EP AXX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GG NL EP 975173 P 2001016 EP 170 FIRST EXAMINATION REPORT (ERSTER PRUEETUNGSBESCHEID) 20010227 EP 975173 P 20020127 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 975173 P 20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 975173 P 20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 975173 P 20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 975173 P 20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 975173 P 20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 975173 P 20020327 EP AC DIVISIONAL APPLICATION (ERSTERS PROJECTION) (IN EINER PATENTSCHIFT ANGEFUENTE BENANNTE VERTRAGSSTAATEN) EP 975174 P 19910327 P AR PRIORITY (PATENT APPLICATION (PRIORITY (PATENT APPLICATION) (PRIORITY (PA	EUROPAGISCHE ANMELDUNG) EP 99121025 A 19920326 EP 975173 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P EP 975173 P 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P 2000126 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER AMMELDUNG BENANNTE VERTRAGSSTAATEN) EP 975173 P 20000126 EP AR DUBLICATION OF APPLICATION WITH SEARCH REPORT: (IN EINER AMMELDUNG BENANNTE VERTRAGSSTAATEN) EP 975173 P 20000126 EP AR PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER AMMELDUNG MITH SEARCH REPORT (VEROEFFENTLICHUNG DER SETTLIT) EP 975173 P 20001016 EP AKX PAYMENT OF DESIGNATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 975173 P 20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 975173 P 20020327 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 975174 P 20020327 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCRIFT ANGEFUENTE BENANNTE VERTRAGSSTAATEN) EP 975174 P 19910327 RP AA PRIORITY (PATENT AMPLEDUNG)) EP 975174 P 19910327 RP AA PRIORITY (PATENT AMPLEDUNG)) EP 975174 P 19910327 RP AA PRIORITY (PATENT AMPLEDUNG) EP 975174 P 19910327 P AA PRIORITY (PATENT AMPLEDUNG)) EP 975174 P 19910327 P AR PRIORITY (PATENT AMPLEDUNG) EP 975174 P 19910327 P AR PRIORITY (PATENT AMPLEDUNG) EP 975174 P 19910326 P A	PD 075172	EP 96119060 A3 19920326	
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EP 975174 P 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) EP 975174 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	EP 975174 P 19910529 EP AA PRIORITY (PATENT (PATENTANMELDUNG)) EP 975174 P 19910723 EP AA PRIORITY (PATENT (PATENTANMELDUNG)) EP 975174 P 19920317 EP AA PRIORITY (PATENT (PATENTANMELDUNG)) EP 975174 P 19920317 EP AA PRIORITY (PATENT (PATENTANMELDUNG)) EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	EP 975174	P 19910425 EP AA PRIORITY (PATENT	
EP 975174 P 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) EP 975174 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	P 19910529 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) EP 975174 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)		APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
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EP 975174 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 91182236 A 19910723 EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9260739 A 19920317 EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	EP 975174 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 91182236 A 19910723 EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9260739 A 19920317 EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)		APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 975174 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 91182236 A 19910723 EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9260739 A 19920317 EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	EP 975174 P 19910723 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 91182236 A 19910723 EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9260739 A 19920317 EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)		TP 01155650 % 10010520	
DP 91182236 A 19910723 EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9260739 A 19920317 EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	DP 91182236 A 19910723 EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9260739 A 19920317 EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	EP 975174	P 19910723 EP AA PRIORITY (PATENT	
EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9260739 A 19920317 EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9260739 A 19920317 EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)		APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9260739 A 19920317 EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	EP 975174 P 19920317 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9260739 A 19920317 EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)		TP 91182236 A 19910723	
APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9260739 A 19920317 EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9260739 A 19920317 EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	EP 975174		
EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)			
EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	EP 975174 P 19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)		TP 9260739 A 19920317	
(AUSSCHEIDUNG AUS)	(AUSSCHEIDUNG AUS)	EP 975174		
EP 92302627 A3 19920326	EP 92302627 A3 19920326		(AUSSCHEIDUNG AUS)	
11 32302027 113 13320320			EP 92302627 A3 19920326	

EP 975174	P	(AUSSCHEIDUNG AUS)
EP 975174	P	(EUROPAEISCHE ANMELDUNG)
EP 975174	P	EP 99121026 A 19920326 20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 975174	P	20000126 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 766478 P
EP 975174	Р	
EP 975174	P	DE FR GB NL 20000126 EP A1 PUBLICATION OF APPLICATION
		WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 975174	P	20000126 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 19991021
EP 975174	P	20001011 EP AKX PAYMENT OF DESIGNATION FEES (NL: KORREKTUREN (TEIL 1 RUBRIK G)) DE FR GB NL
EP 1003162	P	
EP 1003162	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT
11 1003102	-	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1003162	P	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF
1003102	L	(AUSSCHEIDUNG AUS) EP 96915172 A3 19960515
EP 1003162	P	
EP 1003162	Р	
EP 1003162	P	20000524 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB
EP 1003162	P	20000524 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1003162	P.	
EP 1003162	P	20000217
EP 1003162	Р	20000725 20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1003162	P	EP 807929 P 20001102 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
EP 1003162	P	DE FR GB 20001102 EP B1 PATENT SPECIFICATION
EP 1003162	P	(PATENTSCHRIFT) 20001207 EP REF CORRESPONDS TO: (

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			ENTSPRICHT) DE 69610859 P 20001207
EP	1003162	P	20010207 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP	1003162	P	DE FR GB 20010209 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP	1003162	P	20011024 EP 26N NO OPPOSITION FILED (KEIN
EP	1003162	P	EINSPRUCH EINGELEGT) 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP	1005023	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1005023	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1005023	P	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1005023	P	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008
EP	1005023	P	19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP	1005023	P	EP 2000102965 A 19961008 20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP	1005023	P	20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP	1005023	Р	DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
ED	1005023	Р	ANMELDUNG MIT RECHERCHENBERICHT) 20000531 EP 17P REQUEST FOR EXAMINATION
EP	1005023	P	FILED (PRUEFUNGSANTRAG GESTELLT) 20000301
EP	1005023	P	20001115 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI; GOTOH, YOSHIHO; TANAKA,
			SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI
EP	1005023	P	20010110 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001130
EP	1005023	P	20001130 20010214 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP	1005023	P	20020522 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP	1005023	P	EP 802527 P 20020522 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
EP	1005023	P	DE FR GB 20020522 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
	1005023 1005023	P P	20020522 GB FG4D/REG EUROPEAN PATENT GRANTED CORRESPONDS TO:
i, r	1000020	-	(ENTSPRICHT) DE 69621357 P 20020627
			DE OBOSTODI E SOUSOOSI

EP 1005024	Р	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005024	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005024	Р	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005024	P	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008
EP 1005024	P	19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1005024	P	EP 2000102966 A 19961008 20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005024	P	EP 802527 P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1005024	P	DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005024	P	20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1005024	Р	20000301 20000927 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI; GOTOH, YOSHIHO; TANAKA, SHINICHI; KOISHI, KENJI; MORIYA, MITSUROU; TAKEMURA, YOSHINARI
EP 1005024	Р	
EP 1005024	Р	
EP 1005024	P	20010530 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP 1005024	P	
EP 1005024	P	
EP 1005024	Р	20010705 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP 1005024	P	DE 69613156 P 20010705 20010720 EP ET FR: TRANSLATION FILED (FR:
EP 1005024	Р	TRADUCTION A ETE REMISE) 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1005024	P	20020522 EP 26N NO OPPOSITION FILED (KEIN
EP 1005025	P	EINSPRUCH EINGELEGT) 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005025	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 1005025	Р	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005025	Р	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008
EP 1005025	P	
EP 1005025	P	20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP 1005025	P	20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1005025	P	DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005025	P	20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000301
EP 1005025	P	20001115 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.)) OSHIMA, MITSUAKI; GOTOH, YOSHIHO; TANAKA, SHINICHI; KOISHI, KENJI; MORIYA, MITSUROU; TAKEMURA, YOSHINARI
EP 1005025	Р	20010207 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001227
EP 1005025	P	20010214 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1005025	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
EP 1005025	P	OF 2002-01-01 20020102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP 1005025	P	20020102 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) DE FR GB
EP 1005025	P	20020102 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1005025	P	20020228 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69618672 P 20020228
EP 1005026	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005026	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005026	Р	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005026	Р	JP 96211304 A 19960809 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1005026	P	EP 96932845 A3 19961008 19961008 EP AE EP-APPLICATION

(EUROPAEISCHE ANMELDUNG)

		(EUROPAEISCHE ANMELDUNG)
1005006	_	EP 2000102968 A 19961008
EP 1005026	P	20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 802527 P
EP 1005026	P	20000531 EP AK DESIGNATED CONTRACTING
		STATES IN AN APPLICATION WITH SEARCH REPORT:
		(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB
EP 1005026	Р	20000531 EP A1 PUBLICATION OF APPLICATION
		WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
1005005	_	ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005026	P	20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000301
EP 1005026	P	20001115 EP RIN1 INVENTOR (CORRECTION)
		(ERFINDER (KORR.))
		OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA, SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ;
		TAKEMURA, YOSHINARI
EP 1005026	P	20001129 EP RTI1 TITEL (CORRECTION) (TITEL
		(KORR.))
BD 1005006	Γ.	OPTICAL RECORDER
EP 1005026	Р	20010110 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
		20001130
EP 1005026	P	20010214 EP AKX PAYMENT OF DESIGNATION FEES
		(ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1005026	Р	DE FR GB 20010523 EP AC DIVISIONAL APPLICATION (ART.
	·	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 802527 P
EP 1005026	P	
		STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
		VERTRAGSSTAATEN)
		DE FR GB
EP 1005026	P	20010523 EP B1 PATENT SPECIFICATION
EP 1005026	P	(PATENTSCHRIFT) 20010628 EP REF CORRESPONDS TO:
1003020	•	(ENTSPRICHT)
		DE 69613010 P 20010628
EP 1005026	Ρ	20010727 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1005026	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
B1 1003020	-	OF 2002-01-01
EP 1005026	P	20020522 EP 26N NO OPPOSITION FILED (KEIN
ED 1005007	ъ	EINSPRUCH EINGELEGT)
EP 1005027	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		THE BESTEE (THE CONTINUED STOP)
		JP 95261247 A 19951009
EP 1005027	P	19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		APPLICATION) (PRIORITALI (PATENTANMELDONG))
		JP 968910 A 19960123
EP 1005027	P	
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 96211304 A 19960809
EP 1005027	Р	19961008 EP AA DIVIDED OUT OF
		(AUSSCHEIDUNG AUS)
mp 1005007	_	EP 96932845 A3 19961008
EP 1005027	Р	19961008 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000102969 A 19961008
EP 1005027	P	20000531 EP AC DIVISIONAL APPLICATION (ART.

		76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005027	P	EP 802527 P 20000531 EP AK DESIGNATED CONTRACTING
21 100002.	•	STATES IN AN APPLICATION WITH SEARCH REPORT:
		(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1005027	.	DE FR GB 20000531 EP A1 PUBLICATION OF APPLICATION
EP 1005027	Р	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
		ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005027	Р	20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
	_	20000301
EP 1005027	P	20001115 EP RIN1 INVENTOR (CORRECTION) (ERFINDER (KORR.))
		OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA,
		SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ; TAKEMURA, YOSHINARI
EP 1005027	P	20001129 EP RTI1 TITEL (CORRECTION) (TITEL
		(KORR.)) OPTICAL RECORDER
EP 1005027	P	
		(ERSTER PRUEFUNGSBESCHEID)
EP 1005027	P	20001130 20010214 EP AKX PAYMENT OF DESIGNATION FEES
		(ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1005027	Р	DE FR GB 20010523 EP AC DIVISIONAL APPLICATION (ART.
		76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005027	P	EP 802527 P 20010523 EP AK DESIGNATED CONTRACTING
21 100000	-	STATES MENTIONED IN A PATENT SPECIFICATION:
		(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
		DE FR GB
EP 1005027	Р	20010523 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1005027	P	20010628 EP REF CORRESPONDS TO:
		(ENTSPRICHT) DE 69613011 P 20010628
EP 1005027	P	·
EP 1005027	P	TRADUCTION A ETE REMISE) 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
		OF 2002-01-01
EP 1005027	Р	20020522 EP 26N NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP 1005028	P	19951009 EP AA PRIORITY (PATENT
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 95261247 A 19951009
EP 1005028	P	19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005028	P	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT
1000020	-	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 96211304 A 19960809
EP 1005028	P	19961008 EP AA DIVIDED OUT OF
		(AUSSCHEIDUNG AUS) EP 96932845 A3 19961008
EP 1005028	P	19961008 EP AE EP-APPLICATION
		(EUROPAEISCHE ANMELDUNG) EP 2000102971 A 19961008
EP 1005028	P	20000531 EP AC DIVISIONAL APPLICATION (ART.
		76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P
EP 1005028	P	20000531 EP AK DESIGNATED CONTRACTING

STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)

EP 1005028	DE FR GB P 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER	
EP 1005028	ANMELDUNG MIT RECHERCHENBERICHT) P 20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000301	
EP 1005028		;
EP 1005028	TAKEMURA, YOSHINARI P 20001129 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001013	
EP 1005028		
EP 1005028	P 20011004 EP RTI1 TITLE (CORRECTION) (TITEL (KORR.)) OPTICAL RECORDER AND OPTICAL RECORDING METHO	n
EP 1005028	USING ENCRYPTION P 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS	
EP 1005028	OF 2002-01-01 P 20020424 EP AC DIVISIONAL APPLICATION (ART 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 802527 P	•
EP 1005028	P 20020424 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) DE FR GB	
EP 1005028	P 20020424 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)	
EP 1005028 EP 1005028	P 20020424 GB FG4D/REG EUROPEAN PATENT GRANTED P 20020529 EP REF CORRESPONDS TO: (ENTSPRICHT)	
EP 1005033	DE 69620919 P 20020529 P 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 1005033	JP 95261247 A 19951009 P 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	
EP 1005033	JP 968910 A 19960123 P 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515	
EP 1005033		
EP 1005033	P 20000531 EP AC DIVISIONAL APPLICATION (ART 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	•
EP 1005033	EP 807929 P P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1005033	DE FR GB P 20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)	
EP 1005033	P 20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)	

EP 1005033	Р	20000128 20010214 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1005033	P	DE FR GB 20010502 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 1005033	P	20010316 20010919 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005033	P	EP 807929 P 20010919 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
EP 1005033	P	DE FR GB 20010919 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1005033	P	20011025 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP 1005033	P	DE 69615418 P 20011025 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
EP 1005033	P	OF 2002-01-01 20020125 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1005034	P	•
EP 1005034	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005034	Р	(AUSSCHEIDUNG AUS)
EP 1005034	P	EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1005034	P	EP 2000101775 A 19960515 20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005034	P	EP 807929 P 20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1005034	Р	DE FR GB 20000531 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL; LT; LV; SI
EP 1005034	P	20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1005034	P	FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1005034	Р	(ERSTER PRUEFUNGSBESCHEID)
EP 1005034	P	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1005034	P	EP 807929 P 20001102 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE

VERTRAGSSTAATEN)

DE FR GB
EP 1005034 P 20001102 EP B1 PATENT SPECIFICATION (

		PATENTSCHRIFT)
EP 1005034	Р	
		(ENTSPRICHT)
EP 1005034	Р	DE 69610860 P 20001207 20010209 EP ET FR: TRANSLATION FILED (FR:
	_	TRADUCTION A ETE REMISE)
EP 1005034	Р	20010214 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
		DE FR GB
EP 1005034	P	20011024 EP 26N NO OPPOSITION FILED (KEIN
EP 1005034	P	EINSPRUCH EINGELEGT) 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
		OF 2002-01-01
EP 1005035	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1005035	D	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT
EF 1003033	r	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		TD 060010 D 10060100
EP 1005035	Р	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF
		(AUSSCHEIDUNG AUS)
EP 1005035	Р	EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION
EF 1005055	Ľ	(EUROPAEISCHE ANMELDUNG)
DD 1005035	Б	EP 2000104818 A 19960515
EP 1005035	Р	20000531 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
		EP 807929 P
EP 1005035	P	20000531 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:
		(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC
		NL PT SE
EP 1005035	P	
		EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN)
		AL;LT;LV;SI
EP 1005035	P	20000531 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
		ANMELDUNG MIT RECHERCHENBERICHT)
EP 1005035	P	20000531 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000306
EP 1005035	P	
		(ERSTER PRUEFUNGSBESCHEID) 20000725
EP 1005035	P	20001102 EP AC DIVISIONAL APPLICATION (ART.
		76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1005035	P	
		STATES MENTIONED IN A PATENT SPECIFICATION:
		(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
		DE FR GB
EP 1005035	P	20001102 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1005035	Р	20001207 EP REF CORRESPONDS TO:
		(ENTSPRICHT)
		DE 69610861 D 20001207
EP 1005035	P	DE 69610861 P 20001207 20001213 IE FG4D/REG EUROPEAN PATENTS GRANTED
		20001213 IE FG4D/REG EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
EP 1005035 EP 1005035	P P	20001213 IE FG4D/REG EUROPEAN PATENTS GRANTED DESIGNATING IRELAND 20010209 EP ET FR: TRANSLATION FILED (FR:
	Р	20001213 IE FG4D/REG EUROPEAN PATENTS GRANTED DESIGNATING IRELAND

(ZAHLUNG VON BENENNUNGSGEBUEHREN)

EP 1005035	P	DE FR GB 20011024 EP 26N NO OPPOSITION FILED (KEIN EINSPRUCH EINGELEGT)
EP 1005035	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1005035	Р	20020306 IE MM4A/REG PATENT LAPSED
EP 1006516	P	19951009 EP AA PRIORITY (PATENT
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1006516	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT
B1 1000010	-	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		TD 060010 B 10060122
EP 1006516	P	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF
2. 200000	-	(AUSSCHEIDUNG AUS)
ED 1006516	ъ	EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION
EP 1006516	Р	(EUROPAEISCHE ANMELDUNG)
		EP 2000105014 A 19960515
EP 1006516	P	20000607 EP AC DIVISIONAL APPLICATION (ART.
		76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1006516	P	20000607 EP AK DESIGNATED CONTRACTING
		STATES IN AN APPLICATION WITH SEARCH REPORT:
		(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		DE FR GB
EP 1006516	P	20000607 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON
		BENENNUNGSGEBUEHREN)
		AL;LT;LV;SI
EP 1006516	P	20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
		ANMELDUNG MIT RECHERCHENBERICHT)
EP 1006516	P	20000607 EP 17P REQUEST FOR EXAMINATION
		FILED (PRUEFUNGSANTRAG GESTELLT) 20000309
EP 1006516	P	20010221 EP AKX PAYMENT OF DESIGNATION FEES
		(ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1006516	P	DE FR GB 20010530 EP RBV DESIGNATED CONTRACTING
		STATES (CORRECTION): (BENANNTE
		VERTRAGSSTAATEN (KORR.)) DE FR GB
EP 1006516	P	20010613 EP 17Q FIRST EXAMINATION REPORT
		(ERSTER PRUEFUNGSBESCHEID)
EP 1006516	P	20010427 20011121 EP AC DIVISIONAL APPLICATION (ART.
21 1000310	-	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
PD 1006516	Ъ	EP 807929 P
EP 1006516	Р	20011121 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:
		(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
		VERTRAGSSTAATEN) DE FR GB
EP 1006516	Р	20011121 EP B1 PATENT SPECIFICATION
	_	(PATENTSCHRIFT)
EP 1006516	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1006516	P	20020221 EP REF CORRESPONDS TO:
		(ENTSPRICHT) DE 69618633 P 20020221
EP 1006516	Р	20020412 EP ET FR: TRANSLATION FILED (FR:
		TRADUCTION A ETE REMISE)
EP 1006517	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		APPLICATION) (PRIORITABL (PAIENTANMEDDUNG))

EP 1006517	P	19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1006517	P	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1006517	Р	EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1006517	Р	EP 2000106447 A 19960515 20000607 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1006517	Р	EP 807929 P 20000607 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1006517	P	EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1006517	P	AL;LT;LV;SI 20000607 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1006517	P	20000607 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000324
EP 1006517	P	20010221 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1006517	P	20010718 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010605
EP 1006517	P	20011128 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P
EP 1006517	P	20011128 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) DE FR GB
EP 1006517	P	20011128 EP B1 PATENT SPECIFICATION
EP 1006517	P	(ERFINDER (KORR.))
		GOTOH, YOSHIHO, C/O MATSUSHITA ELECTRIC IND.CO.LTD; OSHIMA, MITSUAKI, C/O MATSUSHITA ELECTRIC IND.CO.L; TANAKA, SHINICHI, C/O MATSUSHITA ELECTRIC IND.CO.L; KOISHI, KENJI, C/O MATSUSHITA ELECTRIC IND.CO.LTD.; MORIYA, MITSURO, C/O MATSUSHITA ELECTRIC IND.CO.L.
. EP 1006517	P	
EP 1006517	P	20020110 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP 1006517	P	DE 69617478 P 20020110 20020510 EP ET FR: TRANSLATION FILED (FR:
EP 1024478	Р	TRADUCTION A ETE REMISE) 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1024478	P	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1024478	Р	JP 968910 A 19960123 19960809 EP AA PRIORITY (PATENT

APPLICATION) (PRIORITAET (PATENTANMELDUNG))

	_	JP 96211304 A 19960809
EP 1024478	P	19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
		EP 96932845 A3 19961008
EP 1024478	P	
		(EUROPAEISCHE ANMELDUNG) EP 2000102970 A 19961008
EP 1024478	P	
21 2021110	_	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
	_	EP 802527 P
EP 1024478	Р	20000802 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:
		(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1024478	D	DE FR GB 20000802 EP A1 PUBLICATION OF APPLICATION
EF 1024470	L	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
		ANMELDUNG MIT RECHERCHENBERICHT)
EP 1024478	P	20000802 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
		20000301
EP 1024478	P	
		(ERFINDER (KORR.)) OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA,
		SHINICHI; KOISHI, KENJI; MORIYA, MITSUROU;
		TAKEMURA, YOSHINARI
EP 1024478	P	~
		(ERSTER PRUEFUNGSBESCHEID) 20001011
EP 1024478	P	
		(ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1024478	P	DE FR GB 20011024 EP RAHF DIVISIONAL APPLICATION (ART
B1 1024470	•	76) IN: (CORRECTION) (TEILANMELDUNG (ART.
		76) IN: (KORR.))
EP 1024478	P	EP 2001120681 A 20010903 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
		OF 2002-01-01
EP 1024478	P	
		76) IN: (TEILANMELDUNG (ART. 76) IN:) EP 1168328 P
EP 1024478	P	20020502 EP AC DIVISIONAL APPLICATION (ART.
		76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1024478	P	EP 802527 P 20020502 EP AHF DIVISIONAL APPLICATION (ART.
21 1021110	-	76) IN: (TEILANMELDUNG (ART. 76) IN:)
		1168328
EP 1024478	Р	EP 2001120681 A 20010903 20020502 EP AK DESIGNATED CONTRACTING
21 1021170	-	STATES MENTIONED IN A PATENT SPECIFICATION:
		(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
		VERTRAGSSTAATEN) DE FR GB
EP 1024478	P	20020502 EP B1 PATENT SPECIFICATION
1004470	_	(PATENTSCHRIFT)
EP 1024478	P P	20020508 GB FG4D/REG EUROPEAN PATENT GRANTED 20020606 EP REF CORRESPONDS TO:
	-	(ENTSPRICHT)
DD 1000400	-	DE 69621053 P 20020606
EP 1028422	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
DD 1000400		JP 95261247 A 19951009
EP 1028422	P	19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 1028422	P	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF
		(AUSSCHEIDUNG AUS) EP 96915172 A3 19960515
EP 1028422	P	(EUROPAEISCHE ANMELDUNG)
EP 1028422	Р	
77 1000100	_	76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING
EP 1028422	Р	STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
		•
EP 1028422	P	DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION
		WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1028422	P	
4000400	_	20000510
EP 1028422	P	(ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1028422	Р	DE FR GB 20010704 EP 17Q FIRST EXAMINATION REPORT
		(ERSTER PRUEFUNGSBESCHEID) 20010516
EP 1028423	P	19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1028423	P	
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 968910 A 19960123
EP 1028423	P	
		19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515
		19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1028423	P	19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515
		19960515 EP AA DIVIDED OUT OF
EP 1028423	P P	19960515 EP AA DIVIDED OUT OF
EP 1028423 EP 1028423	P P	19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT:
EP 1028423 EP 1028423	P P	19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1028423 EP 1028423	P P P	19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB
EP 1028423 EP 1028423 EP 1028423	P P P	19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1028423 EP 1028423 EP 1028423	P P P	19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000816 EP 17P REQUEST FOR EXAMINATION
EP 1028423 EP 1028423 EP 1028423	P P P	19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000816 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1028423 EP 1028423 EP 1028423	P P P	19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000816 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000510 20001227 EP 17Q FIRST EXAMINATION REPORT
EP 1028423 EP 1028423 EP 1028423 EP 1028423	P P P	19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000816 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000510 20001227 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001113
EP 1028423 EP 1028423 EP 1028423 EP 1028423	P P P	19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000816 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000510 20001227 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001113 20010502 EP AKX PAYMENT OF DESIGNATION FEES
EP 1028423	P P P P	19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000816 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000510 20001227 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 2001113 20010502 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1028423 EP 1028423 EP 1028423 EP 1028423 EP 1028423 EP 1028423	P P P P	19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000816 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000510 20001227 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 2001113 20010502 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1028423	P P P P	19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000816 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000510 20001227 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001113 20010502 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 95261247 A 19951009
EP 1028423	P P P P	19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000109899 A 19960515 20000816 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 807929 P 20000816 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN) DE FR GB 20000816 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT) 20000816 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000510 20001227 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20001113 20010502 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 1030297	Р	AUSSCHEIDUNG AUS)
EP 1030297	Р	EP 96915172 A3 19960515 19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1030297	P	EP 2000110461 A 19960515 20000823 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1030297	P	EP 807929 P 20000823 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH REPORT: (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1030297	Р	DE FR GB 20000823 EP AX ERSTRECKUNG DES EUROPAEISCHEN PATENTS AUF (ZAHLUNG VON BENENNUNGSGEBUEHREN) AL; LT; LV; SI
EP 1030297	Р	20000823 EP A1 PUBLICATION OF APPLICATION WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1030297	P	20000823 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000519
EP 1030297	P	20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010302
EP 1030297	P	20010509 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB
EP 1031974	P	
EP 1031974	Р	JP 95261247 A 19951009 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1031974	Р	JP 968910 A 19960123 19960515 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96915172 A3 19960515
EP 1031974	Р	19960515 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000112310 A 19960515
EP 1031974	P	
EP 1031974	P	
EP 1031974	Р	WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1031974	P	FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1031974	P	20000608 20001227 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 1031974	P	(ZAHLUNG VON BENENNUNGSGEBUEHREN)
EP 1031974	P	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1031974	P	EP 807929 P 20010816 EP AK DESIGNATED CONTRACTING

STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) DE FR GB

EP 1031974	Р	DE FR GB 20010816 EP B1 PATENT SPECIFICATION
EP 1031974	P	(PATENTSCHRIFT) 20010920 EP REF CORRESPONDS TO:
		(ENTSPRICHT) DE 69614580 P 20010920
EP 1031974	P	20011228 EP ET FR: TRANSLATION FILED (FR: TRADUCTION A ETE REMISE)
EP 1031974	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1035693	Р	19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035693	P	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035693	Р	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035693	Р	JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924
EP 1035693	Р	19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114572 A 19930924
EP 1035693	P	20000913 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 589709 P
EP 1035693	P	20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035693	P	20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035693	P	
EP 1035693	P	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035693	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1035693	P	20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1035693	P	PT SE 20010919 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010806
EP 1035693	Р	

EP 1035694	P	19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035694	Р	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035694	Р	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035694	Р	JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924
EP 1035694	P	19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114573 A 19930924
EP 1035694	Р	20000913 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 589709 P
EP 1035694	P	20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035694	P	20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035694	Р	20001011 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000714
EP 1035694	P	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035694	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1035694	P	20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N
EP 1035694	P	(ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1035694	P	PT SE 20010919 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010806
EP 1035694	P	20020410 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26
EP 1035695	Р	B, 7H 04L 27/34 B 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035695	P	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

JP 9366461 A 19930325

EP 1035695	Р	19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035695	Р	JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1035695	P	EP 93307575 A3 19930924 19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114575 A 19930924
EP 1035695	P	20000913 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 589709 P
EP 1035695	P	20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035695	P	20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035695	P	20001011 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000714
EP 1035695	P	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035695	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1035695	P	(ART. 93)) 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N
EP 1035695	P	7/24 B 20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035695	P	20010919 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010806
EP 1035695	P	20020410 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26
EP 1035696	P	B, 7H 04L 27/34 B 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035696	P	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035696	Р	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035696	P	JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924
EP 1035696	P	19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)

EP 1035696	P 2	EP 2000114577 A 19930924 20000913 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1035696	P 2	EP 589709 P 20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035696	P 2	20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1035696		20001011 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000714
EP 1035696	P 2	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1035696	P 2	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1035696	P· 2	CO001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N 7/24 B
EP 1035696	P 2	20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1035696	P 2	PT SE 20010919 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010806
EP 1035696	P 2	20020410 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1035696	P 2	CO020417 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26
EP 1035696	P 2	B, 7H 04L 27/34 B 20020417 EP RTI1 TITLE (CORRECTION) (TITEL (KORR.))
EP 1035697	P 1	MULTIRESOLUTION TRANSMISSION, IN PARTICULAR FOR MULTICARRIER SYSTEMS 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035697	P 1	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035697	P 1	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035697	P 1	JP 93132984 A 19930510 L9930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924
EP 1035697	P 1	19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)

EP 1035697	76) OF: (TEILANMELDUNG (ART. 76) AUS:)	RT.
EP 1035697	EP 589709 P P 20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC I PT SE	NL
EP 1035697	P 20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG IN ANMELDUNG OHNE RECHERCHENBERICHT)	
EP 1035697	·	
EP 1035697)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC PT SE	
EP 1035697 •	P 20001206 EP A3 SEPARATE PUBLICATION OF TO SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))	HE
EP 1035697	P 20001206 EP RIC1 CLASSIFICATION (CORRECTION (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/3 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N	
EP 1035697	7/24 B P 20010822 EP AKX PAYMENT OF DESIGNATION FEI (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC I PT SE	
EP 1035697	P 20010919 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)	
EP 1035697	(KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/2	
EP 1035698	B, 7H 04L 27/34 B P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035698	JP 92256070 A 19920925 P 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1035698	JP 9366461 A 19930325 P 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG JP 93132984 A 19930510))
EP 1035698	P 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	
EP 1035698	(EUROPAEISCHE ANMELDUNG)	
EP 1035698	EP 2000114579 A 19930924 P 20000913 EP AC DIVISIONAL APPLICATION (A. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)	RT.
EP 1035698	EP 589709 P P 20000913 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NI	
EP 1035698	PT SE P 20000913 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DE	ΞR
EP 1035698	ANMELDUNG OHNE RECHERCHENBERICHT) P 20001011 EP 17P REQUEST FOR EXAMINATION	
EP 1033096	FILED (PRUEFUNGSANTRAG GESTELLT) 20000714	
EP 1035698	P 20001206 EP AK DESIGNATED CONTRACTING	
	STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NI PT SE	Ĺ
EP 1035698	P 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE	Ξ
	VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))	
EP 1035698	P 20001206 EP RIC1 CLASSIFICATION (CORRECTION))
	(KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26	6
	B, 7H O4L 27/34 B, 7H O4L 27/38 B, 7H O4N 7/24 B	
EP 1035698	P 20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)	3
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NI PT SE	Ĺ
EP 1035698		
	20010806	
EP 1035698	(KLASSIFIKATION (KORR.))	
	7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/20 B, 7H 04L 27/34 B	5
EP 1039672	P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)))
	JP 92256070 A 19920925	
EP 1039672	P 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))	١
	JP 9366461 A 19930325	,
EP 1039672	P 19930510 EP AA PRIORITY (PATENT	
	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039672	JP 93132984 A 19930510 P 19930924 EP AA DIVIDED OUT OF	
	(AUSSCHEIDUNG AUS) EP 93307575 A3 19930924	
EP 1039672		
ED 1020672	EP 2000114576 A 19930924	
EP 1039672	76) OF: (TEILANMELDUNG (ART. 76) AUS:)	1.
EP 1039672		
	STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE	
	RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)	
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NI PT SE	L
EP 1039672		
ED 1020670	ANMELDUNG OHNE RECHERCHENBERICHT)	
EP 1039672	FILED (PRUEFUNGSANTRAG GESTELLT)	
	20000712	

EP 1039672	P	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039672	Р	SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1039672	Р	(ART. 93)) 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N
EP 1039672	Р	(ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039672	P	PT SE 20010919 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010806
EP 1039672	Р	20020410 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26
EP 1039673	Р	B, 7H 04L 27/34 B 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039673	Р	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039673	P	(AUSSCHEIDUNG AUS)
EP 1039673	Р	EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114689 A 19930326
EP 1039673	P	
EP 1039673	P	20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039673	P	** ***
EP 1039673	P	· · · · · · · · · · · · · · · · · · ·
EP 1039673	P	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039673	P	PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039673	P	

20010412 EP 1039673 P 20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)

			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
			PT SE
ΕP	1039673	P	20010919 EP RIC1 CLASSIFICATION (CORRECTION)
			(KLASSIFIKATION (KORR.))
			7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18
ED	1039673	D	B, 7H 04L 27/26 B, 7H 04L 27/34 B 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
E.F	1039073	r	OF 2002-01-01
EΡ	1039673	Р	20020424 EP AC DIVISIONAL APPLICATION (ART.
			76) OF: (TEILANMELDUNG (ART. 76) AUS:)
			EP 562875 P
EΡ	1039673	P	20020424 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:
			(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE
			VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
		_	PT SE
EΡ	1039673	Р	20020424 EP B1 PATENT SPECIFICATION
FD	1039673	D	(PATENTSCHRIFT) 20020424 GB FG4D/REG EUROPEAN PATENT GRANTED
	1039673		20020424 GB FG4D/REG EDROFEM FATER GRANTED 20020424 EP REF IN AUSTRIA REGISTERED AS:
		_	(IN AT EINGETRAGEN ALS:)
			AT 216812 R 20020515
EΡ	1039673	P	20020430 CH EP/REG ENTRY IN THE NATIONAL PHASE
מש	1039673	Р	(EINTRITT IN DIE NATIONALE PHASE) 20020529 EP REF CORRESPONDS TO:
LP	1039673	r	(ENTSPRICHT)
			DE 69331853 P 20020529
EΡ	1039673	P	20020614 CH NV/REG NEW AGENT (NEUER
			VERTRETER/NOUVEAUX MANDATAIRES/NUOVI
			MANDATARI) NOVAGRAAF INTERNATIONAL SA
EP	1039674	P	
			APPLICATION) (PRIORITAET (PATENTANMELDUNG))
C D	1020674	n	JP 9267934 A 19920326
ĿР	1039674	P	19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
			THE HOLLION, CHARACTER (EMBRITHEDED NO.)
			JP 92256070 A 19920925
ΕP	1039674	P	
			(AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
ΕP	1039674	Р	19930326 EP AE EP-APPLICATION
		-	(EUROPAEISCHE ANMELDUNG)
			EP 2000114690 A 19930326
ΕP	1039674	P	20000927 EP AC DIVISIONAL APPLICATION (ART.
			76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP	1039674	P	20000927 EP AK DESIGNATED CONTRACTING
			STATES IN AN APPLICATION WITHOUT SEARCH
			REPORT: (IN EINER ANMELDUNG OHNE
			RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
			PT SE
ΕP	1039674	P	20000927 EP A2 PUBLICATION OF APPLICATION
			WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
	1020674	r.	ANMELDUNG OHNE RECHERCHENBERICHT) 20000927 EP 17P REQUEST FOR EXAMINATION
Ľ٢	1039674	٢	FILED (PRUEFUNGSANTRAG GESTELLT)
			2000712

P 1039673 P 20020424 EP REF IN AUSTRIA REGISTERED AS:				(PATENTSCHRIFT)
(IN AT EINGETRAGEN ALS:) AT 216812 R 20020515 EP 1039673 P 20020430 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE) EP 1039673 P 20020529 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69331853 P 20020529 EP 1039673 P 20020614 CH NV/REG NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) NOVAGRAAF INTERNATIONAL SA EP 1039674 P 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) EP 1039674 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) EP 1039674 P 19930326 EP AA DIVIOED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326 EP 1039674 P 19930326 EP AE EP-APPLICATION (EUROPAEISCHE AMMELDUNG) EP 2000114690 A 19930326 EP 1039674 P 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE EP 1039674 P 20000927 EP AC PUBLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE EP 1039674 P 20000927 EP AC PUBLICATION OF APPLICATION ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) EP 1039674 P 20000927 EP AC PUBLICATION OF APPLICATION FILED (PRUEFUNGSANTRAG GESTELLT) EP 1039674 P 20000927 EP AC PUBLICATION OF APPLICATION FILED (PRUEFUNGSANTRAG GESTELLT) EP 1039674 P 20000927 EP AC PUBLICATION OF APPLICATION FILED (PRUEFUNGSANTRAG GESTELLT) EP 1039674 P 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 EP 1039674 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM			P	
## 216812 R 20020515 EP 1039673 P 20020430 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE) EP 1039673 P 20020529 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69331853 P 20020529 EP 1039673 P 20020614 CH NV/REG NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) NOVAGRAAF INTERNATIONAL SA EP 1039674 P 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTAMMELDUNG)) EP 1039674 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTAMMELDUNG)) EP 1039674 P 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326 EP 1039674 P 19930326 EP AB DIVIDED OUT OF (EUROPAEISCHE ANMELDUNG) EP 1039674 P 200014690 A 19930326 EP 1039674 P 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P EP 1039674 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP AC PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP AC PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT: (UN EINER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP AC PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT: (UN EINER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP AC PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP AC PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP AC PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP AC PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP AC PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP AC PUBLICATION OF APPLIC	EΡ	1039673	P	
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(EINTRITT IN DIE NATIONALE PHASE) EP 1039673 P 20020529 EP RF CORRESPONDS TO:				
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(ENTSPRICHT)			_	
DE 69331853 P 20020529	EΡ	1039673	Р	
EP 1039673 P 20020614 CH NV/REG NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATAIRES NUOVI MANDATAIRES				
VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) MANDATARI NOVAGRAAF INTERNATIONAL SA		1020672		
MANDATARI NOVAGRAAF INTERNATIONAL SA	EР	10396/3	P	VERWERER /NOUVERLY MANDAGATRES /NUOVI
NOVAGRAAF INTERNATIONAL SA				
EP 1039674 P 19920326 EP AA PRIORITY (PATENT APPLICATION) JP 9267934 A 19920326 EP 1039674 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925 EP 1039674 P 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326 EP 1039674 P 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114690 A 19930326 EP 1039674 P 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P EP 1039674 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE EP 1039674 P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP A2 PUBLICATION OF APPLICATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 EP 1039674 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM				•
APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 9267934 A 19920326 EP 1039674 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925 EP 1039674 P 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326 EP 1039674 P 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114690 A 19930326 EP 1039674 P 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P EP 1039674 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE EP 1039674 P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 EP 1039674 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM	FD	1039674	Þ	
JP 9267934 A 19920326	ш	1033074	_	
P				THE BEOMETON / THE OWNER / THE BUTTOM PER
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APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925 EP 1039674 P 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)	EΡ	1039674	Р	
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EP 1039674 P 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114690 A 19930326 EP 1039674 P 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P EP 1039674 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE EP 1039674 P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 EP 1039674 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM				· ·
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EP 1039674 P 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P EP 1039674 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE EP 1039674 P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 EP 1039674 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM				
76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P EP 1039674 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE EP 1039674 P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 EP 1039674 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM			_	
EP 562875 P EP 1039674 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE EP 1039674 P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 EP 1039674 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM	EΡ	1039674	Ъ	
EP 1039674 P 20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE EP 1039674 P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 EP 1039674 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM		·		
STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE EP 1039674 P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 EP 1039674 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM	פפ	1020674	n	
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RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE EP 1039674 P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 EP 1039674 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM				
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE EP 1039674 P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 EP 1039674 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM				·
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EP 1039674 P 20000927 EP A2 WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) EP 1039674 P 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 EP 1039674 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM				AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
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FILED (PRUEFUNGSANTRAG GESTELLT) 20000712 EP 1039674 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM				
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EP 1039674 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM				FILED (PRUEFUNGSANTRAG GESTELLT)
STATES IN A SEARCH REPORT: (IN EINEM				
	EP	1039674	P	
RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)				
				RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

			AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP	1039674	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP	1039674	P	
EP	1039674	P	
EP	1039674	P	20010919 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18
EP	1039674	P	(KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18
EP	1039674	Р	B, 7H 04L 27/26 B, 7H 04L 27/34 B 20010926 EP RTII TITLE (CORRECTION) (TITEL (KORR.)) MULTIRESOLUTION TRANSMISSION AND ERROR
ΕP	1039674	P	CORRECTION CODING WITH MULTICARRIER SIGNALS 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
EP	1039674	P	OF 2002-01-01 20020424 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP	1039674	P	STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
EP	1039674	P	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE 20020424 EP B1 PATENT SPECIFICATION
		P	(PATENTSCHRIFT) 20020424 GB FG4D/REG EUROPEAN PATENT GRANTED
	1039674	P	20020424 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 216813 R 20020515
ΕP	1039674	P	20020430 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP	1039674	P	
EP	1039674	P	20020614 CH NV/REG NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI)
EP	1039675	P	NOVAGRAAF INTERNATIONAL SA 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1039675	P	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1039675	Р	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP	1039675	P	19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP	1039675	P	EP 2000114692 A 19930326

EP 1039675	P 2	20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039675	P 2	PT SE 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039675	P 2	20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039675	P 2	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039675	P 2	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039675	P 2	20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010302
EP 1039675	Р 2	20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039675	P 2	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1039675	P 2	20020306 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039675	Р 2	20020306 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039675	P 2	20020306 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039675	P 2	20020306 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 214214 R 20020315
EP 1039675	P 2	20020315 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039675	P 2	(EINTRIT IN DIE NATIONALE PHASE) 20020411 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69331667 P 20020411
EP 1039675	P 2	20020417 IE FG4D/REG EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
EP 1039675	P 2	20020614 CH NV/REG NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI)
EP 1039675	P 2	NOVAGRAAF INTERNATIONAL SA 20020624 DK T3/REG TRANSLATION OF EP PATENT
EP 1039676	P :	19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039676	Р :	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039676	Р :	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)

P	(EUROPAEISCHE ANMELDUNG)
P	EP 2000114694 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
Р	
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
P	20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
Р	FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
P	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
P	20010530 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010412
P	20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
P	PT SE 20010919 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18
Р	B, 7H 04L 27/26 B, 7H 04L 27/34 B 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
P	OF 2002-01-01 20020424 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
Р	20020424 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
P	20020424 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
P P	20020424 GB FG4D/REG EUROPEAN PATENT GRANTED 20020424 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
Р	AT 216814 R 20020515 20020430 CH EP/REG ENTRY IN THE NATIONAL PHASE
Р	(EINTRITT IN DIE NATIONALE PHASE) 20020529 EP REF CORRESPONDS TO:
	(ENTSPRICHT) DE 69331855 P 20020529
P	20020614 CH NV/REG NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI)
P	NOVAGRAAF INTERNATIONAL SA 19920326 EP AA PRIORITY (PATENT
	P P P P P P P P P P P P P P P P P P P

APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 1039677	Р	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039677	Р	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP 1039677	P	19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG) EP 2000114696 A 19930326
EP 1039677	Р	20000114696 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039677	Р	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039677	Р	PT SE 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039677	Р	20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039677	Р	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039677	P	
EP 1039677	Р	20010530 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 1039677	P	
EP 1039677	P	
EP 1039677	Р	B, 7H 04L 27/26 B, 7H 04L 27/34 B 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
EP 1039677	P	OF 2002-01-01 20020424 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1039677	Р	EP 562875 P 20020424 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039677	Р	
EP 1039677	Р	20020424 GB FG4D/REG EUROPEAN PATENT GRANTED
EP 1039677 EP 1039677	Р	20020424 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 216815 R 20020515
EP 1039677	Р	

	ACTIMOTIME IN DIE NAMIONALE DUAGEN
EP 1039677	(EINTRITT IN DIE NATIONALE PHASE) P 20020529 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP 1039677	VERTRETER/NOUVEAUX MANDATAIRES/NUOVI
EP 1039678	MANDATARI) NOVAGRAAF INTERNATIONAL SA P 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039678	JP 9267934 A 19920326 P 19920925 EP AA PRIORITY (PATENT
	APPLICATION) (PRIORITAET (PATENTANMELDUNG)) JP 92256070 A 19920925
EP 1039678	P 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1039678	EP 93302369 A3 19930326 P 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1039678	EP 2000114697 A 19930326 P 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1039678	STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE
	RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039678	PT SE P 20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1039678	ANMELDUNG OHNE RECHERCHENBERICHT) P 20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1039678	20000712 P 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039678	P 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1039678	(ERSTER PRUEFUNGSBESCHEID)
EP 1039678	20010412 P 20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039678	PT SE P 20010919 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18
EP.1039678	
EP 1039678	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1039678	EP 562875 P P 20020424 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)

		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039678	P	PT SE 20020424 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039678		20020424 GB FG4D/REG EUROPEAN PATENT GRANTED
EP 1039678	P	20020424 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
EP 1039678	P	AT 216816 R 20020515 20020430 CH EP/REG ENTRY IN THE NATIONAL PHASE
	-	(EINTRITT IN DIE NATIONALE PHASE)
EP 1039678	Р	20020529 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69331857 P 20020529
EP 1039678	Р	20020614 CH NV/REG NEW AGENT (NEUER
		VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) NOVAGRAAF INTERNATIONAL SA
EP 1039679	P	
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039679	Þ	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT
LL 1033073	•	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039679	P	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF
EP 1039679	P	(AUSSCHEIDUNG AUS)
EP 1039679	D	EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION
EF 1039079	F	(EUROPAEISCHE ANMELDUNG)
EP 1039679	Р	EP 2000114698 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART.
Br 1035075	L	76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1039679	P	EP 562875 P 20000927 EP AK DESIGNATED CONTRACTING
		STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE
		RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039679	P	20000927 EP A2 PUBLICATION OF APPLICATION
		WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039679	Р	20000927 EP 17P REQUEST FOR EXAMINATION
		FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039679	P	20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM
		RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039679	P	20001206 EP A3 SEPARATE PUBLICATION OF THE
		SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1039679	Р	(ART. 93)) 20010530 EP 17Q FIRST EXAMINATION REPORT
		(ERSTER PRUEFUNGSBESCHEID) 20010412
EP 1039679	P	20010822 EP AKX PAYMENT OF DESIGNATION FEES
		(ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039679	P	20010919 EP RIC1 CLASSIFICATION (CORRECTION)
		(KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18
		B, 7H 04L 27/26 B, 7H 04L 27/34 B

EP 1039679	Р	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1039679	Р	20020424 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039679	P	20020424 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039679	_	20020424 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039679		20020424 GB FG4D/REG EUROPEAN PATENT GRANTED
EP 1039679	P	20020424 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:) AT 216817 R 20020515
EP 1039679	P	20020430 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039679	Р	20020529 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69331858 P 20020529
EP 1039679	P	20020614 CH NV/REG NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI)
EP 1039680	P	NOVAGRAAF INTERNATIONAL SA 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039680	P	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
1000000		JP 92256070 A 19920925
EP 1039680	P	19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1039680	Р	EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
22 1020600	_	EP 2000114699 A 19930326
EP 1039680	Р	20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039680	Р	20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039680	Р	20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039680	P	·
EP 1039680	P	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039680	P	SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1039680	P	(ART. 93)) 20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)

		20010302
EP 1039680	P	20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039680	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1039680	P	20020306 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1039680	P	EP 562875 P 20020306 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039680	P	20020306 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039680	P	20020306 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
EP 1039680	P	AT 214215 R 20020315 20020315 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039680	P	20020411 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP 1039680	P	DE 69331668 P 20020411 20020417 IE FG4D/REG EUROPEAN PATENTS GRANTED
EP 1039680	P	DESIGNATING IRELAND 20020614 CH NV/REG NEW AGENT (NEUER
		VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) NOVAGRAAF INTERNATIONAL SA
EP 1039680	P	20020624 DK T3/REG TRANSLATION OF EP PATENT
EP 1039681	P	19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9267934 A 19920326
EP 1039681	P	19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 92256070 A 19920925
EP 1039681	P	19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1039681	Р	EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION
	_	(EUROPAEISCHE ANMELDUNG)
EP 1039681	P	EP 2000114701 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART.
		76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039681	P	20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE
		RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039681	Р	20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1039681	р	ANMELDUNG OHNE RECHERCHENBERICHT) 20000927 EP 17P REQUEST FOR EXAMINATION
	-	FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039681	Р	20001206 EP AK DESIGNATED CONTRACTING
		STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL

		PT SE
EP 1039681	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1039681	P	(ART. 93)) 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
		7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04N 7/24 B
EP 1039681	P	= -
EP 1039681	P	20010412 20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039681	P	20010919 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1039681	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1039681	P	20020417 EP RTI1 TITLE (CORRECTION) (TITEL (KORR.)) MULTIRESOLUTION TRANSMISSION AND ERROR
EP 1039681	P	CORRECTION CODING, WITH MULTICARRIER SIGNALS 20020424 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039681	P	20020424 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039681		PT SE 20020424 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1039681	P	20020424 GB FG4D/REG EUROPEAN PATENT GRANTED
EP 1039681	P	(IN AT EINGETRAGEN ALS:) AT 216818 R 20020515
EP 1039681	P	20020430 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039681	Р	20020529 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69331859 P 20020529
EP 1039681	P	20020614 CH NV/REG NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI)
EP 1039682	P	NOVAGRAAF INTERNATIONAL SA 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039682	P	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1039682	Р	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP 1039682	P	19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1039682	Р	EP 2000114702 A 19930326 20000927 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P

EP 1039682	P	20000927 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039682	P	20000927 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT)
EP 1039682	P	20000927 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1039682	P	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039682	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1039682	P	20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID) 20010302
EP 1039682	P	20010704 EP RTI1 TITEL (CORRECTION) (TITEL (KORR.)) MULTIRESOLUTION TRANSMISSION, IN PARTICULAR
1000500	_	WITH MULTICARRIER SIGNALS
EP 1039682	P	20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1039682	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1039682	P	20020306 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1039682	Р	20020306 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1039682	P	PT SE 20020306 EP B1 PATENT SPECIFICATION
EP 1039682	P	(PATENTSCHRIFT) 20020306 EP REF IN AUSTRIA REGISTERED AS:
		(IN AT EINGETRAGEN ALS:) AT 214216 R 20020315
EP 1039682	Р	20020315 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1039682	P	20020411 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69331669 P 20020411
EP 1039682	P	20020417 IE FG4D/REG EUROPEAN PATENTS GRANTED
EP 1039682	P	DESIGNATING IRELAND 20020614 CH NV/REG NEW AGENT (NEUER
		VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) NOVAGRAAF INTERNATIONAL SA
EP 1039682	P	20020624 DK T3/REG TRANSLATION OF EP PATENT
EP 1045541	P	19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1045541	P	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP	1045541	P	(AUSSCHEIDUNG AUS)
EP	1045541	P	EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP	1045541	P	EP 2000114700 A 19930326 20001018 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP	1045541	P	
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EP	1045541	P	PT SE 20001018 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP	1045541	P	ANMELDUNG OHNE RECHERCHENBERICHT) 20001018 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
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EP	1045541	P	(ERSTER PRUEFUNGSBESCHEID)
EP	1045541	P	20010302 20010822 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
ΕP	1045541	P	
EP	1045541	P	OF 2002-01-01' 20020306 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP	1045541	P	STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP	1045541	P	PT SE 20020306 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP	1045541	P	20020306 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
EP	1045541	P	AT 214217 R 20020315 20020315 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP	1045541	P	20020411 EP REF CORRESPONDS TO: (ENTSPRICHT) DE 69331670 P 20020411
EP	1045541	P	20020417 IE FG4D/REG EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
EP	1045541	P	20020614 CH NV/REG NEW AGENT (NEUER VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI) NOVAGRAAF INTERNATIONAL SA

EP 1045541 EP 1049282	P P	20020624 DK T3/REG TRANSLATION OF EP PATENT 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049282	P	JP 92256070 A 19920925 19930325 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049282	Р	JP 9366461 A 19930325 19930510 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049282	P	JP 93132984 A 19930510 19930924 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93307575 A3 19930924
EP 1049282	P	19930924 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1049282	Р	EP 2000114574 A 19930924 20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1049282	P	EP 589709 P 20001102 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1049282	Р	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1049282	P	ANMELDUNG OHNE RECHERCHENBERICHT) 20001102 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1049282	P	
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049282	P	20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1049282	Р	(ART. 93)) 20001206 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B, 7H 04L 27/38 B, 7H 04N
EP 1049282	P	(ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1049282	P	(ERSTER PRUEFUNGSBESCHEID)
EP 1049282	P	(KLASSIFIKATION (KORR.)) 7H 04L 27/02 A, 7H 04L 27/18 B, 7H 04L 27/26
EP 1049283	Р	B, 7H 04L 27/34 B 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049283	P	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))

EP 1049283	P	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF
20 2000		(AUSSCHEIDUNG AUS) EP 93302369 A3 19930326
EP 1049283	Р	19930326 EP AE EP-APPLICATION
		(EUROPAEISCHE ANMELDUNG) EP 2000114693 A 19930326
EP 1049283	Р	20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
104000	_	EP 562875 P
EP 1049283	Р	STATES IN AN APPLICATION WITHOUT SEARCH
		REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
		PT SE
EP 1049283	Р	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1049283	р	ANMELDUNG OHNE RECHERCHENBERICHT) 20001102 EP 17P REQUEST FOR EXAMINATION
		FILED (PRUEFUNGSANTRAG GESTELLT) 20000712
EP 1049283	P	20001206 EP AK DESIGNATED CONTRACTING
		STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
ED 1040202	n	PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE
EF 1049203	L	SEARCH REPORT (ART. 93) (GESONDERTE
		VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))
EP 1049283	P	20010530 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 1049283	D	20010412
EF 1049203	Į.	(ZAHLUNG VON BENENNUNGSGEBUEHREN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049283	Р	20010919 EP RIC1 CLASSIFICATION (CORRECTION) (KLASSIFIKATION (KORR.))
		7H 04L 1/00 A, 7H 04L 27/02 B, 7H 04L 27/18 B, 7H 04L 27/26 B, 7H 04L 27/34 B
EP 1049283	P	20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS
EP 1049283	P	OF 2002-01-01 20020424 EP AC DIVISIONAL APPLICATION (ART.
		76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 562875 P
EP 1049283	P	20020424 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION:
		(IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1049283	Р	PT SE 20020424 EP B1 PATENT SPECIFICATION
EP 1049283	Р	(PATENTSCHRIFT) 20020424 GB FG4D/REG EUROPEAN PATENT GRANTED
EP 1049283	P	20020424 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
nn 101000	_	AT 216819 R 20020515
EP 1049283	Р	20020430 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1049283	Р	20020529 EP REF CORRESPONDS TO: (ENTSPRICHT)
EP 1049283	P	DE 69331860 P 20020529 20020614 CH NV/REG NEW AGENT (NEUER
	E	VERTRETER/NOUVEAUX MANDATAIRES/NUOVI

		MANDATARI)
EP 1049284	P	NOVAGRAAF INTERNATIONAL SA 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049284	Р	JP 9267934 A 19920326 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049284	Р	JP 92256070 A 19920925 19930326 EP AA DIVIDED OUT OF (AUSCHEIDUNG AUS)
EP 1049284	P	EP 93302369 A3 19930326 19930326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP 1049284	P	EP 2000114695 A 19930326 20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1049284	P	EP 562875 P 20001102 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE
EP 1049284	P	20001102 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP 1049284	P	ANMELDUNG OHNE RECHERCHENBERICHT) 20001102 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1049284	P	20000712 20001206 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
		AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1049284	Р	PT SE 20001206 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS
EP 1049284	P	(ART. 93)) 20010418 EP 17Q FIRST EXAMINATION REPORT (ERSTER PRUEFUNGSBESCHEID)
EP 1049284	P	(ZAHLUNG VON BENENNUNGSGEBUEHREN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
EP 1049284	Р	PT SE 20020101 GB IF02/REG EUROPEAN PATENT IN FORCE AS OF 2002-01-01
EP 1049284	P	20020306 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1049284	Р	EP 562875 P 20020306 EP AK DESIGNATED CONTRACTING STATES MENTIONED IN A PATENT SPECIFICATION: (IN EINER PATENTSCHRIFT ANGEFUEHRTE BENANNTE VERTRAGSSTAATEN) AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE.
EP 1049284	P	20020306 EP B1 PATENT SPECIFICATION (PATENTSCHRIFT)
EP 1049284	P	20020306 EP REF IN AUSTRIA REGISTERED AS: (IN AT EINGETRAGEN ALS:)
EP 1049284	P	AT 214218 R 20020315 20020315 CH EP/REG ENTRY IN THE NATIONAL PHASE (EINTRITT IN DIE NATIONALE PHASE)
EP 1049284	P	(EINTRITT IN DIE NATIONALE PHASE) 20020411 EP REF CORRESPONDS TO:

		(ENTSPRICHT)
EP 1049284	P	DE 69331671 P 20020411 20020417 IE FG4D/REG EUROPEAN PATENTS GRANTED
EP 1049284		DESIGNATING IRELAND
EF 1045264	r	VERTRETER/NOUVEAUX MANDATAIRES/NUOVI MANDATARI)
EP 1049284	Р	NOVAGRAAF INTERNATIONAL SA 20020624 DK T3/REG TRANSLATION OF EP PATENT
EP 1049334	P	19910327 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9162798 A 19910327
EP 1049334	P	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049334	Р	JP 9195813 A 19910425 19910529 EP AA PRIORITY (PATENT
		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP 1049334	Þ	JP 91155650 A 19910529 19910723 EP AA PRIORITY (PATENT
DI 1049334		APPLICATION) (PRIORITAET (PATENTANMELDUNG))
ED 1040224	ם	JP 91182236 A 19910723 19920317 EP AA PRIORITY (PATENT
EP 1049334	P	APPLICATION) (PRIORITAET (PATENTANMELDUNG))
		JP 9260739 A 19920317
EP 1049334	P	19920326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP 1049334	P	EP 92302627 A3 19920326 19920326 EP AA DIVIDED OUT OF
21 2333003	-	(AUSSCHEIDUNG AUS) EP 96119060 A3 19920326
EP 1049334	P	19920326 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
		EP 2000114691 A 19920326
EP 1049334	P	20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:) EP 506400 P
EP 1049334	P	20001102 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP 1049334	D	EP 766478 P
Pt 1043224	F	STATES IN AN APPLICATION WITH SEARCH REPORT:
		(IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
EP 1049334	P	DE FR GB NL 20001102 EP A1 PUBLICATION OF APPLICATION
		WITH SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG MIT RECHERCHENBERICHT)
EP 1049334	P	20001102 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)
EP 1049334	Þ	20000715 20001220 EP K1C1 CORRECTION OF PATENT
BL 1049334	-	APPLICATION (TITLE PAGE) PUBLISHED
		(BERICHTIGUNG DER PATENTANMELDUNG (TITELSEITE) ERSCHIENEN)
EP 1049334	P	20001102 20001220 EP RPR1 PRIORITY (CORRECTION)
		(PRIORITAET (KORR.)) JP 19910327 6279891 ; JP 19910425 9581391 ;
		JP 19910529 15565091 ; JP 19910723 18223691 ; JP 19920317 6073992
EP 1049334	P	20010718 EP AKX PAYMENT OF DESIGNATION FEES (ZAHLUNG VON BENENNUNGSGEBUEHREN)
FD 1050070	D	DE FR GB NL 19930727 EP AA PRIORITY (PATENT
EL 1030013	£	TARACTE LITTUTE LITTUT

APPLICATION)	(PRIORITAET	(PATENTANMELDUNG))
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EP	1050879	P	JP 93205682 A 19930727 19931102 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1050879	Р	JP 93297504 A 19931102 19931119 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1050879	P .	JP 93314114 A 19931119 19940418 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1050879	P	JP 94104879 A 19940418 19940707 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1050879	P	JP 94156089 A 19940707 19940727 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS)
EP	1050879	P	EP 94305557 A3 19940727 19940727 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
ΕP	1050879	P	EP 2000115017 A 19940727 20001108 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP	1050879	P	EP 637016 P 20001108 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
	1050879		BE CH DE FR GB IT LI NL 20001108 EP A2 PUBLICATION OF APPLICATION WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER ANMELDUNG OHNE RECHERCHENBERICHT) 19941117 EP AA PRIORITY (PATENT
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ΕP	1120777	P	JP 94283415 A 19941117 19950202 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1120777	Р	JP 9516153 A 19950202 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG))
EP	1120777	Р	JP 95261247 A 19951009 19951116 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 95938017 A3 19951116
EP	1120777	P	19951116 EP AE EP-APPLICATION (EUROPAEISCHE ANMELDUNG)
EP	1120777	P	EP 2001108949 A 19951116 20010801 EP AC DIVISIONAL APPLICATION (ART. 76) OF: (TEILANMELDUNG (ART. 76) AUS:)
EP	1120777	P	EP 741382 P 20010801 EP AK DESIGNATED CONTRACTING STATES IN AN APPLICATION WITHOUT SEARCH REPORT: (IN EINER ANMELDUNG OHNE RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
EP	1120777	P	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
EP	1120777	P	ANMELDUNG OHNE RECHERCHENBERICHT) 20010801 EP 17P REQUEST FOR EXAMINATION

FILED (PRUEFUNGSANTRAG GESTELLT)

EP 1120777	20010410 P 20011010 EP AK DESIGNATED CONTRACTING STATES IN A SEARCH REPORT: (IN EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN))
EP 1120777	DE FR GB P 20011010 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE VEROEFFENTLICHUNG DES RECHERCHENBERICHTS (ART. 93))	łΕ
EP 1120777	P 20011010 EP RIC1 CLASSIFICATION (CORRECTION (KLASSIFIKATION (KORR.)) 7G 11B 20/00 A, 7G 06F 1/00 B, 7G 11B 7/00 7G 11B 27/30 B, 7G 11B 23/28 B, 7G 11B 13/0 B, 7G 11B 11/105 B, 7G 11B 19/02 B, 7G 11B 19/12 B, 7G 11B 7/007 B, 7G 11B 7/26 B, 7G 11B 20/12 B, 7G 11B 27/10 B	В,
EP 1120777	P 20020703 EP AKX PAYMENT OF DESIGNATION FEE (ZAHLUNG VON BENENNUNGSGEBUEHREN) DE FR GB	ES
EP 1154608	P 19920326 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)))
EP 1154608	JP 9267934 A 19920326 P 19920925 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)))
EP 1154608	JP 92256070 A 19920925 P 19930326 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 93302369 A3 19930326	
EP 1154608		
EP 1154608		RT.
EP 1154608)
	AT BE CH DE DK ES FR GB GR IE IT LI LU MC N	NL.
EP 1154608	WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG I	
EP 1168328	ANMELDUNG OHNE RECHERCHENBERICHT) P 19951009 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG)))
EP 1168328	JP 95261247 A 19951009 P 19960123 EP AA PRIORITY (PATENT APPLICATION) (PRIORITAET (PATENTANMELDUNG) JP 968910 A 19960123))
EP 1168328))
EP 1168328	JP 96211304 A 19960809 P 19961008 EP AA DIVIDED OUT OF (AUSSCHEIDUNG AUS) EP 96932845 A3 19961008	
EP 1168328		
EP 1168328		

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EP 1168328 P
                       20020102 EP AC
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                             76) OF: (TEILANMELDUNG (ART. 76) AUS:)
                             EP 802527 P
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   EP 1168328
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                       20020102 EP AC
                             76) OF: (TEILANMELDUNG (ART. 76) AUS:)
                             EP 1024478 P
   EP 1168328
                   Ρ
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                             (IN EINER ANMELDUNG BENANNTE VERTRAGSSTAATEN)
                             DE FR GB
                                              PUBLICATION OF APPLICATION
   EP 1168328
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                             WITH SEARCH REPORT (VEROEFFENTLICHUNG DER
                             ANMELDUNG MIT RECHERCHENBERICHT)
   EP 1168328
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                       20020102 EP 17P
                                             REQUEST FOR EXAMINATION
                             FILED (PRUEFUNGSANTRAG GESTELLT)
                             20010919
                  Ρ
                       20020424 EP RIN1
                                              INVENTOR (CORRECTION)
   EP 1168328
                             (ERFINDER (KORR.))
                             OSHIMA, MITSUAKI ; GOTOH, YOSHIHO ; TANAKA,
                             SHINICHI ; KOISHI, KENJI ; MORIYA, MITSUROU ;
                             TAKEMURA, YOSHINARI
JAPAN (JP)
  Patent (No.Kind, Date): JP 5250756 A2 19930928
   RECORDER/REPRODUCER (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI
   Priority (No, Kind, Date): JP 9250328 A
   Applic (No, Kind, Date): JP 9250328 A 19920309
   IPC: * G11B-013/04; G11B-013/00
   JAPIO Reference No: ; 180014P000119
   Language of Document: Japanese
  Patent (No, Kind, Date): JP 5307788 A2 19931119
   RECORDING AND REPRODUCING DEVICE (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI
    Priority (No, Kind, Date): JP 92111176 A
   Applic (No, Kind, Date): JP 92111176 A 19920430
   IPC: * G11B-013/04; G11B-013/00
    JAPIO Reference No: ; 180121P000165
   Language of Document: Japanese
  Patent (No, Kind, Date): JP 5327807 A2 19931210
   TRANSMITTER (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI
    Priority (No, Kind, Date): JP 9162798
                                           A1 19910327; JP 9195813 A1
      19910425; JP 91155650 A1 19910529; JP 91182236 A1 19910723; JP
      9260739 Al 19920317
   Applic (No, Kind, Date): JP 9268935 A
                                         19920327
    IPC: * H04L-027/36; H04J-003/00; H04J-011/00; H04L-027/38; H04N-007/00
      ; H04N-007/13; H04N-007/20
    JAPIO Reference No: ; 180152E000002
    Language of Document: Japanese
  Patent (No, Kind, Date): JP 6036387 A2 19940210
    RECORDING/REPRODUCING DEVICE (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI
    Priority (No, Kind, Date): JP 92194450 A
   Applic (No, Kind, Date): JP 92194450 A 19920722
    IPC: * G11B-013/04; G11B-013/00
    JAPIO Reference No: ; 180264P000063
   Language of Document: Japanese
  Patent (No, Kind, Date): JP 6164665 A2 19940610
    TRANSMITTER (English)
    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
    Author (Inventor): OSHIMA MITSUAKI
    Priority (No, Kind, Date): JP 9368545 A 19930326; JP 9267934 A
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19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): JP 9368545 A 19930326
 IPC: * H04L-027/36; H04L-027/38; H04L-027/00; H04N-005/40; H04N-007/00
   ; HO4N-007/20; HO4N-011/04
 Derwent WPI Acc No: * G 93-305235; G 94-103292
 JAPIO Reference No: * 180486E000144; 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 6180888 A2 19940628
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9334656 A
                                            19930128; JP 9213809 A
   19920129; JP 9268031 A 19920326; JP 92280874 A 19920925
 Applic (No, Kind, Date): JP 9334656 A 19930128
 IPC: * G11B-013/00; G11B-013/04; G11B-011/10
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180522P000136; 180522P000136
 Language of Document: Japanese
Patent (No, Kind, Date): JP 6231509 A2 19940819
 RECORDING/REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KAMIKADO TOSHIKAZU; TANAKA MICHIRO
   ; SHIMIZU RYOSUKE
 Priority (No, Kind, Date): JP 9363428
                                              19930226; JP 9242558 A
                                        Α
   19920228; JP 92282666 A 19921021; JP 92331300 A
 Applic (No, Kind, Date): JP 9363428 A 19930226
              G11B-013/04; G11B-005/127;
                                           G11B-005/82; G11B-013/00;
 TPC:
   G11B-023/40
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180618P000070; 180618P000070
 Language of Document: Japanese
Patent (No, Kind, Date): JP 6231510 A2 19940819
 RECORDING/REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KAMIKADO TOSHIKAZU; TANAKA MICHIRO
   ; SHIMIZU RYOSUKE
                            JP 9392247
 Priority (No, Kind, Date):
                                        A 19930326; JP 9268031 A
    19920326; JP 92280874 A 19920925; JP 92282666 A 19921021; JP
   92331300 A
                19921211
 Applic (No, Kind, Date): JP 9392247 A 19930326
 IPC:
              G11B-013/04; G11B-005/127; G11B-005/82;
                                                         G11B-013/00;
   G11B-023/40
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180522P000136; 180618P000070; 180618P000070
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7093962 A2 19950407
 INFORMATION RECORDING AND REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; TAN SATOSHI; KUWAMOTO MAKOTO
 Priority (No, Kind, Date): JP 93300723 A 19931201; JP 92321063 A
   19921201; JP 938596 A 19930121; JP 93205682 A 19930727
 Applic (No, Kind, Date): JP 93300723 A
 IPC: * G11B-033/02; G11B-017/04; G11B-025/10
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   94-250560; G 95-116722
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7099522 A2 19950411
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
                                            19930924; JP 92256070 A
 Priority (No, Kind, Date):
                            JP 93261611 A
   19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 93261611 A 19930924
 IPC: * H04L-027/34; H04B-001/66; H04B-014/04
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
   94-342258
  JAPIO Reference No: * 180486E000144
  Language of Document: Japanese
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Patent (No, Kind, Date): JP 7235097 A2 19950905
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
                      OSHIMA MITSUAKI; SHIMIZU RYOSUKE; TANAKA MICHIRO;
 Author (Inventor):
   YOSHIURA TSUKASA
 Priority (No, Kind, Date):
                          JP 93351425
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                                             19931228; JP 938596 A
    19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
    93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A
    19931119; JP 93333874 A 19931227; JP 93333392 A
                                                        19931227; JP
   93333403 A 19931227; JP 93349972 A 19931227
 Applic (No, Kind, Date): JP 93351425 A 19931228
 IPC: * G11B-013/04; G11B-005/02
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   94-250560; G 94-342258; G 95-116722; G 95-341616
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7235098 A2 19950905
 INFORMATION RECORDING MEDIUM AND ITS MANUFACTURE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI
 Priority (No, Kind, Date): JP 93351426 A 19931228; JP 938596 A
    19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
                  19930419; JP 93205682 A 19930727; JP 93297504 A
    9391011 A
   19931102; JP 93314114 A 19931119; JP 93333855 A
 Applic (No, Kind, Date): JP 93351426 A 19931228
 IPC: * G11B-013/04; B42D-015/10; G06K-019/06; G11B-023/40
 Derwent WPI Acc No: ; G 95-341616
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7235099 A2 19950905
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; TANAKA MICHIRO;
   YOSHIURA TSUKASA; KAMIKADO TOSHIKAZU; TAN SATOSHI
 Priority (No, Kind, Date): JP 9422135 A
                                              19940121; JP 938596 A
    19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
    93205682 A 19930727; JP 93297504 A 19931102; JP 93314114 A
    19931119; JP 93333874 A 19931227; JP 93333392 A 19931227; JP
   93333403 A 19931227; JP 93349972 A 19931227
 Applic (No, Kind, Date): JP 9422135 A 19940121
 IPC: * G11B-013/04; G11B-020/12; G11B-020/18
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   94-250560; G 94-342258; G 95-116722; G 95-341616
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7249227 A2 19950926
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date):
                           JP 94195853 A
                                           19940727; JP 93205682 A
    19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
               19931227; JP 9422191 A 19940120
   93349972 A
 Applic (No, Kind, Date): JP 94195853 A 19940727
 IPC: * G11B-007/00; G11B-007/007; G11B-013/04
 Derwent WPI Acc No: * C 94-236841; G 94-242360; G 94-342258; G
   95-116722; G 95-246541; G 95-341616; G 96-062972; G 98-181451
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7264148 A2 19951013
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9479668 A
                                        19940324
 Applic (No, Kind, Date): JP 9479668 A 19940324
 IPC: * H04H-001/00; H04N-007/01; H04N-007/24
 Derwent WPI Acc No: * G 95-387959; G 95-387959
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7320333 A2 19951208
 RECORDING/REPRODUCING
                                                     MEDIUM
                                                             AND ITS
                       APPARATUS AND
                                         RECORDING
   MANUFACTURE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI
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Priority (No, Kind, Date): JP 9422158 A 19940121; JP 938596 A
    19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
              A 19930727; JP 93297504 A 19931102; JP 93314114 A
   19931119; JP 93333855 A 19931227
 Applic (No, Kind, Date): JP 9422158 A
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 IPC: * G11B-013/04; B42D-015/10; G06K-019/06; G11B-023/30
 Derwent WPI Acc No: * C 94-236841; G 93-313529; G 94-242360; G
   94-250560; G 95-116722; G 95-341616; G 96-062972; G 96-062972
 Language of Document: Japanese
Patent (No, Kind, Date): JP 7322219 A2 19951208
 TRANSMITTER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9479432 A 19940325; JP 9366461 A
    19930325; JP 93132984 A 19930510; JP 93261612 A 19930924; JP
   93349972 A
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 Applic (No, Kind, Date): JP 9479432 A
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 IPC: * H04N-007/015; H04N-007/20
 Derwent WPI Acc No: * G 94-103292; G 94-311606; G 94-342258
 Language of Document: Japanese
Patent (No, Kind, Date): JP 8212560 A2 19960820
 OPTICAL RECORDING MEDIUM AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): UENO FUMIAKI; OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 94327805 A 19941228; JP 93335165 A
    19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP
   94156089 A 19940707; JP 94299508 A 19941202
 Applic (No, Kind, Date): JP 94327805 A 19941228
             G11B-007/007;
                            B41M-005/26;
                                           G11B-007/00;
                                                          G11B-007/24;
   G11B-007/26; G11B-013/04; G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939
 Language of Document: Japanese
Patent (No, Kind, Date): JP 8212681 A2 19960820
 RECORDING/REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9516865 A 19950203
 Applic (No, Kind, Date): JP 9516865 A 19950203
 IPC: * G11B-019/04; G11B-007/00; G11B-013/04; G11B-019/02; G11B-020/10
 Derwent WPI Acc No: * G 95-373939
 Language of Document: Japanese
Patent (No, Kind, Date): JP 8273164 A2 19961018
 RECORDING AND REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI
 Priority (No, Kind, Date): JP 9592116 A 19950418; JP 94104879 A
    19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
              19950201; JP 9516153 A 19950202
   9515318 A
 Applic (No, Kind, Date): JP 9592116 A 19950418
             G11B-007/00; G11B-007/007; G11B-007/24; G11B-007/26;
 IPC:
   G11B-013/04; G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785; G 01-018026
 Language of Document: Japanese
Patent (No, Kind, Date): JP 10233019 A2 19980902
 OPTICAL DISK, OPTICAL DISK MANUFACTURING DEVICE AND OPTICAL DISK
   REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): KONISHI SHINICHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO; GOTOU YOSHITOSHI; TAKEMURA YOSHIYA
 Priority (No, Kind, Date): JP 979318 A
                                            19970122; JP 968110 A
    19960122; JP 968910
                           Α
                               19960123; JP 96339304 A 19961219; JP
                19960809
   96211304 A
 Applic (No, Kind, Date): JP 979318 A 19970122
 IPC: * G11B-007/00; G11B-007/007; G11B-007/24; G11B-020/10
 Derwent WPI Acc No: * G 97-236117; G 97-236119; G 98-363034
 Language of Document: Japanese
Patent (No, Kind, Date): JP 11162031 A2 19990618
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OPTICAL DISK, METHOD FOR RECORDING/REPRODUCING OPTICAL DISK DRAW
                                REPRODUCING DEVICE, OPTICAL DISK
   INFORMATION,
                OPTICAL
                          DISK
    RECORDING/REPRODUCING DEVICE, OPTICAL DISK DRAW INFORMATION RECORDER
   AND OPTICAL DISK RECORDER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): MIYATAKE NORIO; MURAKAMI MOTOYOSHI; OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 97351243 A 19971219; JP 96339304 A 19961219; JP 97259110 A 19970924
                                       19971219
 Applic (No, Kind, Date): JP 97351243 A
             G11B-011/10; G11B-007/00; G11B-007/007; G11B-007/24;
   G11B-013/00; G11B-020/10
 Derwent WPI Acc No: * G 98-363034
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032074 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169243 A 19990616; JP 9162798 A
    19910327; JP 9195813 A ·19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169243 A 19990616
             H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
   H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032075 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169244 A 19990616; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169244 A 19990616
       * H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
   H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032076 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169245 A 19990616; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169245 A 19990616
            H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
   H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032077 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169246 A 19990616; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
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91182236 A 19910723; JP 9260739 A
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 Applic (No, Kind, Date): JP 99169246 A 19990616
             HO4L-027/36; HO4J-003/00; HO4L-027/38;
                                                        H04N-007/015;
   H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000032078 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date):
                          JP 99169247 A 19990616; JP 9162798 A
    19910327; JP 9195813 A
                               19910425; JP 91155650 A
                                                        19910529; JP
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 Applic (No, Kind, Date): JP 99169247 A
                                        19990616
 IPC: * H04L-027/36; H04L-027/38; H04N-007/015; H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No.Kind, Date): JP 2000032079 A2 20000128
 TRANSMITTER, RECEIVER, TRANSMISSION DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169248 A 19990616; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169248 A 19990616
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 IPC:
   H04N-007/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000076659 A2 20000314
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date): JP 99257252 A 19990910; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 99257252 A
                                       19990910
 IPC: * G11B-007/007; G11B-019/04; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000076662 A2 20000314
 OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK AND MANUFACTURE OF
   OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date): JP 99257248 A
                                           19990910; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 99257248 A 19990910
             G11B-007/085; G11B-007/004; G11B-007/24;
 TPC:
   G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000076705 A2 20000314
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
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KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date): JP 99257245 A 19990910; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 99257245 A 19990910
 IPC: * G11B-007/24; G11B-019/04; G11B-020/10; G11B-027/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000076791 A2 20000314
 OPTICAL
          DISK,
                  OPTICAL
                            DISK RECORDING METHOD AND OPTICAL DISK
   REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date): JP 99257247 A 19990910; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 99257247 A 19990910
 IPC: * G11B-020/10; G11B-007/007; G11B-020/12; G11B-020/18
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000078222 A2 20000314
 TRANSMITTER, RECEIVER, TRANSMITTING DEVICE, TRANSMISSION METHOD AND
   RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99200091 A 19990714; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99200091 A 19990714
 IPC: * H04L-027/34; H04J-003/00; H04J-015/00; H04L-027/36; H04L-027/38
   ; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000106579 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289582 A 19991012; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99289582 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No.Kind, Date): JP 2000106580 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289583 A 19991012; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99289583 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000106581 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
  Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
  Priority (No, Kind, Date): JP 99289584 A 19991012; JP 9162798 A
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19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99289584 A
                                         19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000106582 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289585 A 19991012; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99289585 A
                                         19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000106583 A2 20000411
 TRANSMITTER, RECEIVER AND TRANSMISSION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289586 A 19991012; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99289586 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/015
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000149423 A2 20000530
 REPRODUCER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
                           JP 99373897 A
                                            19961008; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): JP 99373897 A
                                       19961008
 IPC: * G11B-020/10; G11B-007/005
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000156037 A2 20000606
 RECORDING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): JP 99373901 A
 IPC: * G11B-020/10; G11B-007/0045; G11B-007/24
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000173062 A2 20000623
 OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
                           JP 99373902 A
                                            19960810; JP 95261247 A
 Priority (No, Kind, Date):
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): JP 99373902 A 19960810
 IPC: * G11B-007/007; G06F-012/14; G11B-020/10
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Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000173063 A2 20000623
 OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
                                          Α
                                               19951009; JP 968910 A
 Priority (No, Kind, Date):
                            JP 95261247
   19960123
 Applic (No, Kind, Date): JP 99375208 A
                                        19991228
        G11B-007/007; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000173179 A2 20000623
 REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
 Priority (No, Kind, Date):
                            JP 95261247
                                              19951009; JP 968910 A
   19960123; JP 96211304 A
                            19960809
 Applic (No, Kind, Date): JP 99373898 A
                                          19991228
 IPC: * G11B-020/10; G06F-012/14; G11B-007/005
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000215603 A2 20000804
 RECORDING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
 Priority (No, Kind, Date): JP 95261247
                                          A 19951009; JP 968910 A
   19960123; JP 96211304 A
                            19960809
 Applic (No, Kind, Date): JP 99373896 A
                                         19991228
 IPC: * G11B-020/10; G11B-007/0045; G11B-019/04
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000222729 A2 20000811
 MARKING PRODUCING DEVICE, OPTICAL DISK REPRODUCING DEVICE, OPTICAL DISK
   MANUFACTURING METHOD AND OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date): JP 95261247
                                           Α
                                                19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): JP 99257251 A
                                        19990910
 IPC: * G11B-007/004; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000222739 A2 20000811
 OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
                             JP 95261247
                                                19951009; JP 968910 A
 Priority (No, Kind, Date):
                                           Α
   19960123
 Applic (No, Kind, Date): JP 99257250 A
                                         19990910
 IPC: * G11B-007/005; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000222743 A2 20000811
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
                                                19951009; JP 968910 A
                                           Α
 Priority (No, Kind, Date):
                           JP 95261247
   19960123
 Applic (No, Kind, Date): JP 99375209 A 19991228
             G11B-007/007; G11B-007/005;
                                           G11B-007/24; G11B-020/10;
   G11B-020/12
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Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000222782 A2 20000811
 OPTICAL DISK, OPTICAL DISK RECORDER AND OPTICAL DISK REPRODUCING DEVICE
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
                            JP 95261247
                                          Α
                                               19951009; JP 968910 A
 Priority (No, Kind, Date):
   19960123
 Applic (No, Kind, Date): JP 99257246 A
                                         19990910
 IPC: * G11B-007/24; G11B-007/004; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000222783 A2 20000811
 OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): GOTOU YOSHITOSHI; OSHIMA MITSUAKI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
                                         A 19951009; JP 968910 A
 Priority (No, Kind, Date): JP 95261247
   19960123
 Applic (No, Kind, Date): JP 99257249 A 19990910
 IPC: * G11B-007/24; G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000228016 A2 20000815
 OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
 Priority (No, Kind, Date): JP 99373899 A
                                            19960810; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                    19960809
 Applic (No, Kind, Date): JP 99373899 A 19960810
              G11B-007/007;
                                            G11B-019/04; G11B-020/10;
 IPC:
                            G06F-012/14;
   G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000228062 A2 20000815
 RECORDER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO; TAKEMURA YOSHIYA
 Priority (No, Kind, Date): JP 95261247
                                              19951009; JP 968910 A
   19960123; JP 96211304 A
                            19960809
 Applic (No, Kind, Date): JP 99373900 A
                                         19991228
 IPC: * G11B-020/10; G06K-019/06; G06K-019/04; G11B-007/0045
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000299677 A2 20001024
 TRANSMITTER, RECEIVER, TRANSMISSION SYSTEM, TRANSMITTING METHOD AND
   RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 200085410 A 20000324; JP 9267934 A
   19920326; JP 92256070 A
                            19920925
 Applic (No, Kind, Date): JP 200085410 A 20000324
 IPC: * H04J-011/00; H04J-003/00; H04L-001/00; H04L-027/34; H04L-027/02
      H04L-027/10; H04L-027/18; H04N-005/38; H04N-005/44; H04N-005/46;
   H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000312195 A2 20001107
 SENDING DEVICE, RECEPTION DEVICE, TRANSMISSION DEVICE, SENDING METHOD
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AND RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 200085407 A 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): JP 200085407 A 19930326
 IPC: * H04J-011/00; H04J-003/00; H04L-001/00; H04L-027/34; H04L-027/02
      H04L-027/10; H04L-027/18; H04N-005/38; H04N-005/44; H04N-005/46;
    H04N-005/78; H04N-005/7826; H04N-005/92; H04N-007/00; H04H-001/00;
   H04N-007/24; H04N-007/20
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000312196 A2 20001107
 TRANSMITTER, RECEIVER AND TRANSMISSION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 200085408 A 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
                                        19930326
 Applic (No, Kind, Date): JP 200085408 A
              H04J-011/00; H04J-003/00; H04L-027/34; H04N-005/38;
   H04N-005/445; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000312197 A2 20001107
 SENDING DEVICE, RECEPTION DEVICE, TRANSMISSION DEVICE, TRANSMISSION
   METHOD AND RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 200085409 A 20000324; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): JP 200085409 A 20000324
 IPC: * H04J-011/00; H04B-014/04; H04J-003/00; H04L-001/00; H04L-027/34
    ; H04L-027/02; H04L-027/10; H04L-027/18; H04N-005/38; H04N-005/44;
   H04N-007/20; H04H-001/00
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000312198 A2 20001107
 SENDING DEVICE, RECEPTION DEVICE, TRANSMISSION DEVICE AND TRANSMISSION
   METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 200095800 A 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
                                                      19930510
 Applic (No, Kind, Date): JP 200095800 A 19930924
 IPC: * H04J-011/00; H04L-027/34; H04N-005/40; H04N-005/44; H04N-007/00
   ; H04N-007/20
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441
  JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
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Patent (No, Kind, Date): JP 2000315992 A2 20001114
 TRANSMITTER AND RECEIVER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9267934 A 19920326; JP 92256070 A
   19920925
 Applic (No, Kind, Date): JP 200085411 A 20000101
               H04J-011/00; H04L-001/00;
                                           HO4L-027/00; HO4N-005/40;
   HO4N-005/455; HO4N-007/24; HO4N-007/30
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2000324083 A2 20001124
 TRANSMITTER, RECEIVER, TRANSMISSION SYSTEM AND TRANSMISSION METHOD
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 200095801 A 19930924; JP 92256070 A
   19920925; JP 9366461 A 19930325; JP 93132984 A
                                                     19930510.
 Applic (No, Kind, Date): JP 200095801 A 19930924
              HO4J-011/00;
                             H04L-027/36; H04L-027/38;
                                                         H04N-007/08;
   H04N-007/081; H04N-007/20
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
   G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001093159 A2 20010406
 OPTICAL DISK AND OPTICAL DISK PLAYER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  MORIYA MITSURO; KOISHI KENJI
 Priority (No, Kind, Date): JP 2000271625 A
                                               20000907; JP 95261247 A
     19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 2000271625 A
                                         20000907
 IPC: * G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001101668 A2 20010413
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date): JP 2000275439 A
                                               20000911; JP 95261247 A
     19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 2000275439 A 20000911
 IPC: * G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001101669 A2 20010413
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date): JP 2000275440 A
                                               20000911; JP 95261247 A
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 Applic (No, Kind, Date): JP 2000275440 A 20000911
 IPC: * G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001110062 A2 20010420
 OPTICAL DISK AND OPTICAL DISK REPRODUCING DEVICE (English)
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Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI; GOTOU YOSHITOSHI; TANAKA SHINICHI;
  MORIYA MITSURO; KOISHI KENJI
 Priority (No, Kind, Date): JP 2000271624 A
                                              19960515; JP 95261247 A
     19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 2000271624 A 19960515
 IPC: * G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001160833 A2 20010612
 RECEIVER AND RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000296301 A 20000928; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 2000296301 A 20000928
 IPC: * H04L-027/00; H04B-001/16; H04L-027/38; H04N-007/24
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001160838 A2 20010612
 RECEIVER AND RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000296300 A 20000928; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 2000296300 A 20000928
 IPC: * H04L-027/34; H04J-003/00; H04N-005/40
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
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     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001211138 A2 20010803
 TRANSMISSION DEVICE AND RECEPTION DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000375627 A 20001211; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): JP 2000375627 A 20001211
 IPC: * H04J-011/00; H04L-027/34; H04L-027/18; H04N-005/38; H04N-005/44
   ; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217804 A2 20010810
 SENDER, RECEIVER, TRANSMITTER, SENDING METHOD AND RECEIVING METHOD
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
                                              20001218; JP 92256070 A
 Priority (No, Kind, Date): JP 2000383210 A
     19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383210 A 20001218
 IPC: *
              H04J-011/00; H04L-027/34; H04L-027/18;
                                                        H04N-005/40;
   H04N-005/455; H04N-005/46; H04N-007/015; H04N-007/20
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
      00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076;
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JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217805 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
   RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383257 A 20001218; JP 92256070 A
     19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383257 A 20001218
 IPC: * H04J-011/00; H04L-027/34; H04L-027/18; H04N-005/38; H04N-005/44
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  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217806 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
   RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383303 A 20001218; JP 92256070 A
     19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383303 A 20001218
              HO4J-011/00; HO4L-027/34;
                                          H04L-027/18;
                                                        H04N-005/44;
 IPC:
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  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217807 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
   RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383395 A 20001218; JP 92256070 A
     19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383395 A 20001218
              H04J-011/00; H04L-027/34;
                                           H04L-027/18;
                                                        H04N-005/40;
   HO4N-005/455; HO4N-005/46; HO4N-007/08; HO4N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217808 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
   RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383425 A
                                              20001218; JP 92256070 A
     19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383425 A 20001218
              HO4J-011/00; HO4L-027/34;
                                                        H04N-005/40;
 IPC:
                                           H04L-027/18;
   HO4N-005/455; HO4N-005/46; HO4N-007/08; HO4N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217809 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION METHOD AND
   RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383459 A 20001218; JP 92256070 A
     19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383459 A 20001218
 IPC: * H04J-011/00; H04L-027/34; H04L-027/00; H04L-027/18; H04N-005/40
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 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217810 A2 20010810
 TRANSMITTER, RECEIVER, TRANSMISSION EQUIPMENT, TRANSMISSION DEVICE AND
   RECEIVING METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383489 A 20001218; JP 92256070 A
                             19930325; JP 93132984 A 19930510
     19920925; JP 9366461 A
 Applic (No, Kind, Date): JP 2000383489 A 20001218
 IPC: * H04J-011/00; H04L-027/34; H04L-027/00; H04L-027/18; H04N-005/40
   ; H04N-005/455; H04N-005/46; H04N-007/24; H04N-007/08; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217811 A2 20010810
 TRANSMITTER AND RECEIVER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383523 A 20001218; JP 92256070 A
     19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383523 A 20001218
               HO4J-011/00; HO4L-027/34; HO4L-027/18;
                                                        H04N-005/40;
 IPC:
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 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001217890 A2 20010810
 RECEIVER AND RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
                                            20001215; JP 9162798 A
 Priority (No, Kind, Date): JP 2000381901 A
                               19910425; JP 91155650 A 19910529; JP
    19910327; JP 9195813 A
                19910723; JP 9260739 A 19920317
   91182236 A
 Applic (No, Kind, Date): JP 2000381901 A 20001215
 IPC: * H04L-027/34; H04L-027/18; H04N-005/38; H04N-005/44
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
    00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
     00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2001223669 A2 20010817
 TRANSMITTER, RECEIVER, TRANSMISSION SYSTEM, TRANSMISSION METHOD AND
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RECEPTION METHOD (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2000383341 A 20001218; JP 92256070 A
     19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 2000383341 A 20001218
 IPC: * H04J-011/00; H04H-001/00; H04L-027/34; H04L-027/18; H04N-007/08
   ; H04N-007/081
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
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  G 01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2002057650 A2 20020222
 RECEIVER (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 2001173882 A 20010608; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): JP 2001173882 A 20010608
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                                                        HO4N-005/44;
   H04N-005/455; H04N-007/08; H04N-007/081; H04N-007/24
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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  G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2002074858 A2 20020315
 Priority (No, Kind, Date): JP 2001224159 A 20010725; JP 93335165 A
      19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP
   94156089 A
                19940707; JP 94299508 A 19941202
 Applic (No, Kind, Date): JP 2001224159 A 20010725
            G11B-020/12; G11B-007/004; G11B-007/0045; G11B-007/005;
   G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   01-018026
 Language of Document: Japanese
Patent (No, Kind, Date): JP 2002092894 A2 20020329
 Priority (No, Kind, Date): JP 2001224158 A 20010725; JP 93335165 A
      19931228; JP 9422191 A 19940120; JP 94104879 A 19940418; JP
                19940707; JP 94299508 A 19941202
   94156089 A
 Applic (No, Kind, Date): JP 2001224158 A 20010725
            G11B-007/007; G11B-007/004; G11B-007/24; G11B-020/10;
   G11B-020/12
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   01-018026
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3008651 B2 20000214
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
                                           19920327; JP 9162798 A1
 Priority (No, Kind, Date): JP 9268935
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    19910327; JP 9195813 A1 19910425; JP 91155650 A1 19910529; JP
   91182236 A1 19910723; JP 9260739 A1 19920317
 Applic (No, Kind, Date): JP 9268935 A 19920327
                            HO4J-003/00; HO4L-027/38; HO4N-007/015;
             H04L-027/36;
   HO4N-007/20; HO4N-007/24
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3042780 B2 20000522
 Priority (No, Kind, Date): JP 99257245 A 19990910; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 99257245 A
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             G11B-007/007; G06K-019/00; G11B-007/004; G11B-007/24;
 IPC:
   G11B-019/04; G11B-020/10; G11B-023/36; G11B-027/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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Language of Document: Japanese
Patent (No, Kind, Date): JP 3042781 B2 20000522
 Priority (No, Kind, Date): JP 99257252 A 19990910; JP 95261247 A
   19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 99257252 A
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            G11B-007/007; G06K-019/00; G11B-007/004; G11B-007/005;
   G11B-007/24; G11B-019/04; G11B-020/10; G11B-023/36; G11B-027/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3061053 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169243 A
                                           19990616; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169243 A 19990616
             H04L-027/36; H04J-003/00; H04L-027/38; H04N-007/015;
   H04N-007/20
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3061054 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
                                           19990616; JP 9162798 A
 Priority (No, Kind, Date): JP 99169244 A
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 Applic (No, Kind, Date): JP 99169244 A 19990616
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 Language of Document: Japanese
Patent (No, Kind, Date): JP 3061055 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
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 Applic (No, Kind, Date): JP 99169245 A 19990616
             H04L-027/36;
                          H04J-003/00; H04L-027/38; H04N-007/015;
   H04N-007/20
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3061056 B2 20000710
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169248 A 19990616; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
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 Applic (No, Kind, Date): JP 99169248 A 19990616
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                          H04J-003/00; H04L-027/38; H04N-007/015;
   H04N-007/20
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3089599 B2 20000918
 Priority (No, Kind, Date): JP 95261247 A
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 Applic (No, Kind, Date): JP 99257246 A
 IPC: * G11B-007/24; G11B-007/004; G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3089600 B2 20000918
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): JP 99257249 A
                                        19990910
 IPC: * G11B-007/24; G11B-007/007; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3089601 B2 20000918
 Priority (No, Kind, Date): JP 95261247
                                              19951009; JP 968910 A
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   19960123
 Applic (No, Kind, Date): JP 99257250 A
 IPC: * G11B-007/005; G11B-020/10
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Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Lanquage of Document: Japanese
Patent (No, Kind, Date): JP 3092620 B2 20000925
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
                                            19990616; JP 9162798 A
 Priority (No, Kind, Date): JP 99169246 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169246 A 19990616
 IPC: * H04L-027/36; H04J-007/00; H04L-027/38; H04N-007/015
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3092621 B2 20000925
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99169247 A
                                            19990616; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A 19910723; JP 9260739 A 19920317
 Applic (No, Kind, Date): JP 99169247 A 19990616
 IPC: * H04L-027/36; H04J-007/00; H04L-027/38; H04N-007/015
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3097914 B2 20001010
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): JP 99257251 A
                                       19990910
 IPC: * G11B-007/004; G11B-007/26; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3097916 B2 20001010
 Priority (No, Kind, Date): JP 95261247
                                              19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): JP 99375208 A
                                       19991228
 IPC: * G11B-007/007; G11B-007/24; G11B-020/10; G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3097917 B2 20001010
 Priority (No, Kind, Date): JP 95261247
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                                              19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): JP 99375209 A
                                        19991228
            G11B-007/007; G11B-007/005;
                                          G11B-007/24; G11B-020/10;
 IPC:
   G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3109552 B2 20001120
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 9368545
                                        A 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): JP 9368545 A 19930326
              H04J-011/00;
                            H04L-027/36; H04L-027/38; H04N-005/40;
   HO4N-007/015; HO4N-007/20; HO4N-011/04
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3111776 B2 20001127
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
                                           19930924; JP 92256070 A
 Priority (No, Kind, Date): JP 93261611 A
   19920925; JP 9366461 A 19930325; JP 93132984 A 19930510
 Applic (No, Kind, Date): JP 93261611 A 19930924
 IPC: * H04J-011/00
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3112012 B2 20001127
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
                                            19991012; JP 9162798 A
 Priority (No, Kind, Date): JP 99289582 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
                19910723; JP 9260739 A 19920317
   91182236 A
 Applic (No, Kind, Date): JP 99289582 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Language of Document: Japanese
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Patent (No, Kind, Date): JP 3112013 B2 20001127
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289583 A 19991012; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A
               19910723; JP 9260739 A 19920317
   91182236 A
 Applic (No, Kind, Date): JP 99289583 A
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3112014 B2 20001127
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date):
                          JP 99289586 A 19991012; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A
                                                        19910529; JP
               19910723; JP 9260739 A 19920317
   91182236 A
 Applic (No, Kind, Date): JP 99289586 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/015
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3114727 B2 20001204
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date): JP 99289584 A 19991012; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A
                                                        19910529; JP
               19910723; JP 9260739 A 19920317
   91182236 A
 Applic (No, Kind, Date): JP 99289584 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3114728 B2 20001204
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
 Author (Inventor): OOSHIMA MITSUAKI
 Priority (No, Kind, Date):
                          JP 99289585 A
                                             19991012; JP 9162798 A
    19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
               19910723; JP 9260739 A 19920317
   91182236 A
 Applic (No, Kind, Date): JP 99289585 A 19991012
 IPC: * H04L-027/36; H04L-027/38; H04N-005/44; H04N-007/24
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3143454 B2 20010307
 Priority (No, Kind, Date): JP 2000275439 A 20000911; JP 95261247 A
     19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 2000275439 A
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            G11B-007/007; G11B-007/004; G11B-007/24;
                                                          G11B-020/10;
 IPC:
   G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3143455 B2 20010307
 Priority (No, Kind, Date): JP 2000275440 A 20000911; JP 95261247 A
     19951009; JP 968910 A 19960123
 Applic (No, Kind, Date): JP 2000275440 A
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            G11B-007/007; G11B-007/004; G11B-007/24;
 IPC:
                                                          G11B-020/10;
   G11B-020/12
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3144422 B2 20010312
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): JP 99373896 A
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 IPC: * G11B-020/10; G11B-007/0045; G11B-019/04
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3144423 B2 20010312
 Priority (No, Kind, Date): JP 95261247
                                              19951009; JP 968910 A
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   19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): JP 99373901 A
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 IPC: * G11B-020/10; G11B-007/0045
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3147120 B2 20010319
  Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
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19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): JP 99373898 A
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 IPC: * G11B-020/10; G11B-007/005
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3147121 B2 20010319
 Priority (No, Kind, Date): JP 95261247
                                              19951009; JP 968910 A
   19960123; JP 96211304 A 19960809
 Applic (No, Kind, Date): JP 99373900 A
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 IPC: * G11B-020/10; G11B-007/0045
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3154704 B2 20010409
 Priority (No, Kind, Date): JP 200085407 A 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): JP 200085407 A
                                        19930326
 IPC: * H04J-011/00; H04L-027/02; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
    00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
      00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078;
   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3154705 B2 20010409
 Priority (No, Kind, Date): JP 200085408 A 19930326; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): JP 200085408 A
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 IPC: * H04J-011/00; H04L-027/02; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3154706 B2 20010409
 Priority (No, Kind, Date): JP 200085409 A 20000324; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): JP 200085409 A
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 IPC: * H04J-011/00; H04L-027/02; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3154707 B2 20010409
 Priority (No, Kind, Date): JP 200085410 A 20000324; JP 9267934 A
   19920326; JP 92256070 A 19920925
 Applic (No, Kind, Date): JP 200085410 A
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 IPC: * H04J-011/00; H04L-027/02; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   G 00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440;
  G 01-063441
 JAPIO Reference No: * 180486E000144
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3154708 B2 20010409
 Priority (No, Kind, Date): JP 200095800 A 19930924; JP 92256070 A
   19920925; JP 9366461 A
                           19930325; JP 93132984 A
 Applic (No, Kind, Date): JP 200095800 A
                                        19930924
 IPC: * H04J-011/00; H04L-027/34; H04N-007/00
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
    94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
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19920228; JP 9250328 A
   19920129; JP 9242558 A
               19920326; JP 92111176 A 19920430; JP 92194450 A
   19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
              19930325; JP 93107423 A 19930409; JP 93205682 A
   19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
   94104879 A 19940418; JP 94156089 A 19940707; US 184117 A2
   19940121; US 9709 A2 19930127
 Applic (No, Kind, Date): US 281337 A 19940727
 National Class: * 369032000; 369047000; 369054000
 IPC: * G11B-017/22
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G
   96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 5526328 A 19960611
 RECORDING AND REPRODUCING APPARATUS WITH VARYING AMOUNTS OF DATA IN
   DIFFERENT TRACKS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SHIMIZU RYOSUKE
                                                          (JP); KOUDO
   TOSHIKAZU (JP); YOSHIURA TSUKASA (JP); MATSUURA TAKUMI
   TANAKA MICHIRO (JP); TAN SATOSHI (JP)
 Priority (No, Kind, Date): US 184117 A 19940121; JP 9213809 A
   19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
   9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A
   19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
   9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
   19930727; JP 93297504 A
                            19931102; JP 93314114 A 19931119; US
   9709 A2 19930127
 Applic (No, Kind, Date): US 184117 A
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 National Class: * 369013000; 369032000
 IPC: * G11B-011/00
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 95-116722; G 95-341616; G 96-062972; G 98-181451; G
   01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 5555275 A 19960910
 MULTI-THRESHOLD AND HIERARCHICAL TELEVISION SIGNAL TRANSMISSION SYSTEM
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 417269 A 19950405; JP 9162798 A
   19910327; JP 9195813 A 19910425; JP 91155650 A 19910529; JP
   91182236 A
               19910723; JP 9260739 A
                                        19920317; US 857627 B1
   19920325
 Applic (No, Kind, Date): US 417269 A
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 National Class: * 375261000; 375298000; 375324000; 332103000;
   329304000; 348724000; 348726000
 IPC: * H04L-005/12; H04L-023/02; H04L-027/22; H04L-027/20
 Derwent WPI Acc No: * G 92-325674; G 97-195354; G 00-108239; G
   00-118426; G 00-184726; G 00-184727; G 00-184728; G 00-184729; G
   00-184730; G 00-184731
 JAPIO Reference No: * 180152E000002
 Language of Document: English
Patent (No, Kind, Date): US 5600672 A 19970204
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); SAKASHITA SEIJI
 Priority (No, Kind, Date): US 240521 A 19940510; JP 9162798 A
   19910327; JP 9195813 A 19910425; JP 91155650 A
                                                     19910529; JP
   91182236 A
                19910723; JP 9260739 A 19920317; JP 93132984 A
   19930510; JP 93261612 A 19930924; JP 93349972 A
                                                      19931227; JP
   9479668 A 19940324; US 857627 A2 19920325
 Applic (No, Kind, Date): US 240521 A 19940510
 National Class: * 375219000; 375270000; 375301000; 375321000
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19920309; JP

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IPC: * H04L-005/16; H04B-001/38
 Derwent WPI Acc No: * G 92-325674; G 94-103292; G 94-311606; G
   94-342258; G 95-387959; G 97-195354; G 00-108239; G 00-118426; G
   00-184726; G 00-184727; G 00-184728; G 00-184729; G 00-184730; G
   00-184731; G 00-589072; G 00-595507; G 01-063437; G 01-063438; G
   01-063439; G 01-063440; G 01-063441
 JAPIO Reference No: * 180152E000002
 Language of Document: English
                                      19971028
Patent (No, Kind, Date): US 5682360 A
 RECORDING AND REPRODUCING APPARATUS FOR USE WITH A RECORDING MEDIUM
   HAVING AN OPTICAL RECORDING LAYER AND MAGNETIC RECORDING LAYER
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
                                          19920129; JP 9242558 A
 Priority (No, Kind, Date): JP 9213809 A
   19920228; JP 9250328 A 19920309; JP 9268031 A 19920326; JP
               19920430; JP 92194450 A 19920722; JP 92280874 A
   92111176 A
   19920925
 Applic (No, Kind, Date): US 9709 A
                                     19930127
 National Class: * 369013000; 360059000; 360114000
 IPC: * G11B-011/00; G11B-005/127
 Derwent WPI Acc No: * G 93-251292; G 93-313529
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 5699331 A 19971216
 APPARATUS OPERATING WITH RECORDING MEDIUM ACCORDING TO POSITIONAL
   INFORMATION OF A SECRET CODE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 534771 A 19950927; JP 9213809 A
   19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
   9268031 A 19920326; JP 92111176 A 19920430; JP 92194450 A
   19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
   9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
   19930727; JP 93297504 A 19931102; JP 93314114 A 19931119; JP
   94104879 A 19940418; JP 94156089 A 19940707; US 281337 A3
   19940727; US 184117 A2 19940121; US 9709 A2 19930127
 Applic (No, Kind, Date): US 534771 A 19950927
 Addnl Info: 5473584 Patented; 5526328 Patented
 National Class: * 369032000; 369047000; 369054000
 IPC: * G11B-017/22
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G
   96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 5761301 A
                                      19980602
 MARK FORMING APPARATUS, METHOD OF FORMING LASER MARK ON OPTICAL DISK,
   REPRODUCING APPARATUS, OPTICAL DISK AND METHOD OF PRODUCING OPTICAL
   DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): JP 94283415 A
                                           19941117; JP 9516153 A
   19950202; JP 95261247 A 19951009
 Applic (No, Kind, Date): US 560015 A
                                       19951117
 National Class: * 380004000; 369272000; 235494000
 IPC: * H04K-001/00
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119
 Language of Document: English
Patent (No, Kind, Date): US 5802241 A
                                      19980901
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 706376 A 19960830; JP 9267934 A
   19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; JP
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   19931227; US 217895 B1 19940325; US 126589 A2 19930927; US 37108
   A2 19930325
 Applic (No, Kind, Date): US 706376 A 19960830
 National Class: * 386046000; 348723000
 IPC: * H04N-005/91; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
   94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
   00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
   00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G
   01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 5805551 A
                                      19980908
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPY OR ILLEGAL
   INSTALLATION OF INFORMATION OF OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): US 845794 A
                                         19970425; JP 94104879
   19940418; JP 94283415 A 19941117; JP 94327963 A
                                                      19941228; JP
               19950201; JP 9516865 A
                                         19950203; US 423668 A3
   19950418; US 281337 A2 19940727
 Applic (No, Kind, Date): US 845794 A
                                      19970425
 Addnl Info: 5473584 19951205 Patented
 National Class: * 369059000; 369047000; 369048000; 369058000;
   360048000
 IPC: * G11B-007/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785; G 01-018026
 Language of Document: English
Patent (No, Kind, Date): US 5807640 A
                                      19980915
 OPTICAL RECORDING MEDIUM, REPRODUCING SYSTEM, METHOD OF REPRODUCING
   OPTICAL DISK, METHOD OF FABRICATING OPTICAL DISK ORIGINAL RECORD, AND
   METHOD OF STOPPING ILLEGAL PROGRAM OPERATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 93335165 A
                                          19931228; JP 9422191 A
   19940120; JP 94104879 A 19940418; JP 94156089 A
                19941202; WO 94JP2304 W
                                          19941228
   94299508 A
 Applic (No, Kind, Date): US 507495 A 19950828
 National Class: * 428064100; 428064200; 428064400; 428913000;
   369275100; 369284000
 IPC: * B32B-003/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   01-018026
 Language of Document: English
Patent (No, Kind, Date): US 5819000 A
                                      19981006
 MAGNETIC RECORDING AND PLAYBACK APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): JP 9267934 A
                                          19920326; JP 92256070 A
   19920925
 Applic (No, Kind, Date): US 37108 A
                                      19930325
 National Class: * 386046000; 348723000
 IPC: * H04N-005/91; H04N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
   00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 5881038 A
                                      19990309
 METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPY OR ILLEGAL
   INSTALLATION OF INFORMATION OF OPTICAL RECORDING MEDIUM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP)
 Priority (No, Kind, Date): US 423668 A 19950418; JP 94104879 A
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19940418; JP 94283415 A 19941117; JP 94327963 A 19941228; JP
               19950201; JP 9516865 A 19950203; US 281337 A2
   9515318 A
   19940727
 Applic (No, Kind, Date): US 423668 A 19950418
 National Class: * 369059000; 369084000; 369058000; 369054000;
   369047000
 IPC: * G11B-007/00
 Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
   96-268785; G 01-018026
 Language of Document: English
                                     19990406
Patent (No, Kind, Date): US 5892879 A
 COMMUNICATION SYSTEM FOR PLURAL DATA STREAMS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 126589 A
                                         19930927; JP 9267934 A
   19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; JP
                19930510; US 37108 A2 19930325
 Applic (No, Kind, Date): US 126589 A 19930927
 National Class: * 386046000; 348726000
 IPC: * HO4N-005/91; HO4N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
   94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
   00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
   00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G
   01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 5959948 A 19990928
 RECORDING AND REPRODUCING APPARATUS (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 970162 A 19971113; JP 9213809 A
   19920129; JP 9242558 A 19920228; JP 9250328 A 19920309; JP
              19920326; JP 92111176 A 19920430; JP 92194450 A
   9268031 A
   19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
   9392219 A 19930325; JP 93107423 A 19930409; JP 93205682 A
   19930727; JP 93297504 A 19931102; JP 93314114 A
                                                       19931119; JP
   93349972 A 19931227; JP 94104879 A 19940418; JP 94156089 A
   19940707; US 534771 A1 19950927; US 281337 A3 19940727; US 184117
   A2 19940121; US 9709 A2 19930127
 Applic (No, Kind, Date): US 970162 A
                                      19971113
 Addnl Info: 5699331 Patented; 5473584 Patented; 5526328 Patented
 National Class: * 369032000; 369047000; 369054000
 IPC: * G11B-017/22
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 94-342258; G 95-116722; G 95-246541; G 95-341616; G
   95-373939; G 96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 5999569 A
                                      19991207
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 61979 A 19980417; JP 9267934 A
   19920326; JP 92256070 A 19920925; US 37108 A3 19930325
 Applic (No, Kind, Date): US 61979 A 19980417
 Addnl Info: 5819000 Patented
 National Class: * 375265000; 348608000; 348607000; 348726000
 IPC: * H04L-027/28; H04L-005/12; H04L-023/02
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
   00-580986; G 00-580987; G 00-580988; G 00-589072; G 00-589073; G
   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 6049651 A 20000411
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COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 64147 A 19980422; JP 9267934 A
   19920326; JP 92256070 A 19920925; JP 9366461 A 19930325; US
   126589 A3 19930927; US 37108 A1 19930325
 Applic (No, Kind, Date): US 64147 A
                                     19980422
 Addnl Info: 5892879 Patented; 5819000 Patented
 National Class: * 386046000; 386123000; 348726000
 IPC: * HO4N-005/91; HO4N-007/015; HO4N-005/38
 Derwent WPI Acc No: * G 93-305235; G 94-103292; G 94-311606; G
   94-342258; G 00-580985; G 00-580986; G 00-580987; G 00-580988; G
   00-589072; G 00-589073; G 00-589074; G 00-589075; G 00-589076; G
   00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438; G
   01-063439; G 01-063440; G 01-063441; G 02-050566
 JAPIO Reference No: * 180486E000144
 Language of Document: English
Patent (No, Kind, Date): US 6052465 A 20000418
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI
            (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): JP 95261247 A 19951009; JP 968910 A
   19960123
 Applic (No, Kind, Date): US 649411 A 19960516
 National Class: * 380004000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6081785 A
                                      20000627
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYTOCOMMUNICATION
   SYSTEM AND PROGRAM LICENSE SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): JP 95261247 A
                                          19951009; JP 968910 A
   19960123; JP 96211304 A 19960809; WO 96JP2924 W
 Applic (No, Kind, Date): US 849468 A 19970609
 National Class: * 705001000; 380201000; 369272000
 IPC: * H04K-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6122373 A
                                      20000919
 OPTICAL DISK, OPTICAL DISK BARCODE FORMING METHOD, OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
                                                         (JP); TANAKA
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 404506 A 19990923; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A3 19960516
 Applic (No, Kind, Date): US 404506 A 19990923
 National Class: * 380004000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No.Kind, Date): US 6125181 A
                                      20000926
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
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SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 404639 A 19990923; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A3 19960516
 Applic (No, Kind, Date): US 404639 A 19990923
 National Class: * 380002000
 IPC: * H04K-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
                                     20001003
Patent (No, Kind, Date): US 6128388 A
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
            (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
   SHINICHI
 Priority (No, Kind, Date): US 401114 A 19990922; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A3 19960516
 Applic (No, Kind, Date): US 401114 A 19990922
 National Class: * 380059000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No.Kind, Date): US 6141419 A
                                     20001031
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
            (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
   SHINICHI
 Priority (No, Kind, Date): US 441338 A 19991116; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No, Kind, Date): US 441338 A
                                      19991116
 National Class: * 380004000
 IPC: * H04L-009/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6144742 A
                                     20001107
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 401669 A 19990922; US 649411 A3
   19960516
 Applic (No, Kind, Date): US 401669 A 19990922
 Addnl Info: 6052465 Patented
 National Class: * 380004000
 IPC: * H04L-009/00
 Language of Document: English
Patent (No, Kind, Date): US 6160888 A 20001212
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI
            (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 441337 A 19991116; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No, Kind, Date): US 441337 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000;
   705057000
  IPC: * H04N-007/167
  Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
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Language of Document: English
Patent (No, Kind, Date): US 20010013023 AA 20010809
 RECORDABLE OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI (JP)
 Priority (No, Kind, Date): US 450438 A
                                        19991130; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US
   849468 A1 19970609
 Applic (No, Kind, Date): US 450438 A
                                       19991130
 Addnl Info: 6081785 Patented
 National Class: * 705057000; 369084000; 369272000
 IPC: * G06F-017/60; G11B-007/26; G11B-007/28
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 20010021144 AA 20010913
 OPTICAL DISK, METHOD FOR RECORDING AND REPRODUCING WRITE-ONCE
   INFORMATION ON AND FROM OPTICAL DISK, OPTICAL DISK REPRODUCING
   DEVICE, OPTICAL DISK RECORDING AND REPRODUCING DEVICE, DEVICE FOR
   RECORDING WRITE-ONCE INFORMATION ON OPTICAL DISK, AND OPTICAL DISK
   RECORDING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); KONISHI SHINICHI (JP);
   TANAKA SHIN-ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP);
   GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP);
   MURAKAMI MOTOYOSHI (JP)
 Priority (No, Kind, Date): US 833995 A
                                         20010412; JP 96339304 A
   19961219; JP 979318 A
                          19970122; JP 97259110 A 19970924; US
   308550 A3 19990520
 Applic (No, Kind, Date): US 833995 A
                                       20010412
 Addnl Info: 6266299 Patented
 National Class: * 369013000; 369059180
 IPC: * G11B-011/00
 Derwent WPI Acc No: * G 98-363034
 Language of Document: English
Patent (No, Kind, Date): US 20010038578 AA 20011108
 MEDIUM, APPARATUS, AND METHOD RELATED TO ENCRYPTION RESULTANT
   INFORMATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 796534 A 20010302; JP 93205682 A
   19930727; JP 94104879 A 19940418; JP 94156089 A
   9213809 A 19920129; JP 9242558 A 19920228; JP 9250328 A
   19920309; JP 9268031 A 19920326; JP 92111176 A
                                                      19920430; JP
   92194450 A 19920722; JP 92280874 A 19920925; JP 938596 A
   19930121; JP 9392219 A 19930325; JP 93107423 A 19930409; JP
                19931102; JP 93314114 A 19931119; US 305318 A3
   93297504 A
   19990505; US 970162 A3 19971113; US 534771 A1 19950927; US 281337
   A3 19940727; US 184117 A2 19940121; US 9709 A2 19930127
 Applic (No, Kind, Date): US 796534 A
                                      20010302
 Addnl Info: 6243330 Patented; 5959948 Patented; 5699331 Patented;
   5473584 Patented; 5526328 Patented; 5682360 Patented
 National Class: * 369013000; 369053210; 369047110; 369053290
 IPC: * G11B-007/00
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G
   96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 20010055132 AA 20011227
 OPTICAL DISK RECORDABLE USING BOTH A CIPHER KEY AND DISK IDENTIFICATION
   INFORMATION FOR ENCRYPTION (English)
 Patent Assignee: OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
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SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
             (JP)
 Priority (No, Kind, Date): US 450416 A 19991130; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US
   849468 A1 19970609
 Applic (No, Kind, Date): US 450416 A 19991130
 Addnl Info: 6081785 Patented
 National Class: * 359109000; 713189000
 IPC: * G02F-001/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 20020046177 AA 20020418
 A RECORDABLE OPTICAL DISK INCLUDING AN AUXILIARY INFORMATION PRESENCE
   INDICATOR (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI (JP)
 Priority (No, Kind, Date): US 917877 A
                                         20010731; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US
   450416 A1 19991130
 Applic (No, Kind, Date): US 917877 A 20010731
 National Class: * 705051000
 IPC: * G06F-017/60
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 20020049678 AA 20020425
 METHOD AND APPARATUS FOR ENCRYPTING AND RECORDING RECEIVED CONTENT
   INFORMATION ON A RECORDING MEDIUM USING BOTH MEDIUM IDENTIFICATION
   INFORMATION AND A CIPHER KEY FOR ENCRYPTION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI (JP)
 Priority (No, Kind, Date): US 964378 A
                                         20010928; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US
   886130 Al 20010622; US 475228 Al 19991230; US 849468 Al
   19970609
 Applic (No, Kind, Date): US 964378 A
 National Class: * 705051000; 369053210; 369275300
 IPC: * H04K-001/00; G11B-011/03; G11B-015/04
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 20020070282 AA 20020613
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 67171 A 20020204; JP 95261247 A
   19951009; JP 968910 A 19960123; US 595139 A1 20000615; US 441338
   A1 19991116
 Applic (No, Kind, Date): US 67171 A 20020204
 National Class: * 235494000
 IPC: * G06K-019/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 20020073038 AA 20020613
 RECORDING MEDIUM, RECORDER, REPRODUCER, CRYPTOCOMMUNICATION SYSTEM AND
    PROGRAM LICENSE SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI (JP)
  Priority (No, Kind, Date): US 475228 A 19991230; JP 95261247 A
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19951009; JP 968910 A
                          19960123; US 649411 A1
 Applic (No, Kind, Date): US 441021 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000;
   705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6229896 BA 20010508
 OPTICAL DISK, AN OPTICAL BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
            (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
   SHINICHI
 Priority (No, Kind, Date): US 440782 A 19991116; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No, Kind, Date): US 440782 A 19991116
 National Class: * 380203000; 380201000; 713193000; 705051000;
   705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6243330 BA 20010605
 RECORDING MEDIUM, APPARATUS, AND METHOD RELATED TO ENCRYPTION RESULTANT.
   INFORMATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 305318 A 19990505; JP 9213809 A
   19920129; JP 9242558 A 19920228; JP 9250328 A
                                                    19920309; JP
               19920326; JP 92111176 A 19920430; JP 92194450 A
   19920722; JP 92280874 A 19920925; JP 938596 A 19930121; JP
                19930727; JP 9392219 A 19930325; JP 93107423 A
   93205682 A
   19930409; JP 93297504 A 19931102; JP 93314114 A
                                                       19931119; JP
   94104879 A
                19940418; JP 94156089 A 19940707; US 970162 A3
   19971113; US 534771 A1 19950927; US 281337 A3 19940727; US 184117
   A2 19940121; US 9709 A2 19930127
 Applic (No, Kind, Date): US 305318 A
                                       19990505
 Addnl Info: 5959948 Patented; 5699331 Patented; 5473584 Patented;
   5526328 Patented; 5682360 Patented
 National Class: * 369032000; 369047100; 369053110
 IPC: * G11B-017/22
 Derwent WPI Acc No: * C 94-236841; G 93-251292; G 93-313529; G
   94-242360; G 95-116722; G 95-246541; G 95-341616; G 95-373939; G
   96-062972; G 98-181451; G 01-018026
 JAPIO Reference No: * 180014P000119; 180121P000165; 180264P000063;
   180522P000136; 180618P000070
 Language of Document: English
Patent (No, Kind, Date): US 6256357 BA 20010703
 COMMUNICATION SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 379746 A 19990824; JP 9267934 A
   19920326; JP 92256070 A 19920925; US 61979 A3 19980417; US 37108
   A3 19930325
 Applic (No, Kind, Date): US 379746 A
                                      19990824
 Addnl Info: 5999569 Patented; 5819000 Patented
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  IPC: * H04N-005/46
  Derwent WPI Acc No: * G 93-305235; G 94-103292; G 00-580985; G
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   00-589074; G 00-589075; G 00-589076; G 00-589077; G 00-589078; G
   00-595507; G 01-063437; G 01-063438; G 01-063439; G 01-063440; G
   01-063441; G 02-050566
  JAPIO Reference No: * 180486E000144
 Language of Document: English
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Patent (No, Kind, Date): US 6266299 BA 20010724
 MAGNETO-OPTICAL DISK HAVING WRITE-ONCE IDENTIFICATION MARKS AND METHOD
   FOR RECORDING THEREOF (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); KONISHI SHINICHI (JP);
   TANAKA SHIN-ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP);
   GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP);
   MURAKAMI MOTOYOSHI (JP)
 Priority (No, Kind, Date): JP 96339304 A
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   19970122; JP 97259110 A 19970924; WO 97JP4664 W 19971217
 Applic (No, Kind, Date): US 308550 A 19990520
 National Class: * 369013000
 IPC: * G11B-011/00
 Derwent WPI Acc No: * G 98-363034
 Language of Document: English
Patent (No, Kind, Date): US 6278671 BA 20010821
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI
            (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 679580 A 20001004; JP 95261247 A
   19951009; JP 968910 A 19960123; US 441281 A1 19991116; US 649411
   A1 19960516
 Applic (No, Kind, Date): US 679580 A
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 Addnl Info: 6052465 20000418 Patented
 National Class: * 369047190; 369047210; 369053410; 369059230;
   369275300
 IPC: * G11B-007/007
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6285762 BA 20010904
 OPTICAL DISK, OPTICAL DISK BARCODE FORMING METHOD, OPTICAL DISK
   REPRODUCTION APPARATUS, MARKING FORMING APPARATUS, METHOD OF FORMING
   A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF MANUFACTURING AN
   OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 401935 A 19990923; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A3 19960516
 Applic (No, Kind, Date): US 401935 A
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 Addnl Info: 6052465 Patented
 National Class: * 380203000; 380201000; 713193000; 705051000;
   705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6285763 BA 20010904
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                          (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
                                         19991116; JP 95261247 A
 Priority (No, Kind, Date): US 441281 A
   19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No, Kind, Date): US 441281 A 19991116
 National Class: * 380203000; 380201000; 705051000; 705057000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6285764 BA 20010904
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
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FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 679233 A 20001004; JP 95261247 A
   19951009; JP 968910 A 19960123; US 441281 A1 19991116; US 649411
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 Applic (No, Kind, Date): US 679233 A
 Addnl Info: 6052465 20000418 Patented
 National Class: * 380203000; 380201000; 713193000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6298138 BA 20011002
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI
                                                         (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 679505 A 20001004; JP 95261247 A
   19951009; JP 968910 A 19960123; US 441281 A1 19991116; US 649411
   A1 19960516
 Applic (No, Kind, Date): US 679505 A
                                       20001004
 Addnl Info: 6052465 Patented
 National Class: * 380203000; 380201000; 713193000
 IPC: * HO4N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6301569 BA 20011009
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCER, CRYPTOCOMMUNICATION
   SYSTEM AND PROGRAM LICENSE SYSTEM (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIRO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
             (JP)
 Priority (No, Kind, Date): US 450437 A
                                        19991130; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US
   849468 A1 19970609
 Applic (No, Kind, Date): US 450437 A 19991130
 National Class: * 705057000; 369047000; 369084000; 369272000
 IPC: * G11B-007/00
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6343282 BA 20020129
 OPTICAL DISK READING DEVICE USING BOTH A DECIPHER KEY AND DISK
   IDENTIFICATION INFORMATION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
   YOSHINARI
              (JP)
 Priority (No, Kind, Date): US 450413 A 19991130; JP 95261247 A
   19951009; JP 968910 A 19960123; JP 96211304 A
                                                      19960809; US
   849468 A1 19970609
 Applic (No, Kind, Date): US 450413 A 19991130
 Addnl Info: 6081785 Patented
 National Class: * 705057000
 IPC: * G06F-017/60
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6408285 BA 20020618
 OPTICAL DISK READING DEVICE USING BOTH A DECIPHER KEY AND DISK
   IDENTIFICATION INFORMATION FOR DECRYPTION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHINO (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
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YOSHINARI (JP) Priority (No, Kind, Date): US 450452 A 19991130; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US 849468 Al 19970609 Applic (No, Kind, Date): US 450452 A 19991130 Addnl Info: 6081785 Patented National Class: * 705057000 IPC: * G06F-017/60 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119 Language of Document: English Patent (No, Kind, Date): US 6381588 BB 20020430 OPTICAL DISK RECORDABLE USING BOTH A CIPHER KEY AND DISK IDENTIFICATION INFORMATION FOR ENCRYPTION (English) Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US) Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI (JP) Priority (No, Kind, Date): US 450416 A 19991130; JP 95261247 A 19951009; JP 968910 A 19960123; JP 96211304 A 19960809; US 849468 Al 19970609 Applic (No, Kind, Date): US 450416 A 19991130 National Class: * 705059000 IPC: * G06F-017/60 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119 Language of Document: English UNITED STATES OF AMERICA (US) Legal Status (No, Type, Date, Code, Text): 19950828 US REFW CORRESPONDS TO PCT US 95507495 Α APPLICATION (ENTSPRICHT PCT ANMELDUNG) WO 9518443 P 19970609 US REFW CORRESPONDS TO PCT US 97849468 Α APPLICATION (ENTSPRICHT PCT ANMELDUNG) WO 9714144 P US 5473584 19920129 US AA PRIORITY (PATENT) JP 9213809 A 19920129 US 5473584 19920228 US AA PRIORITY (PATENT) JP 9242558 A 19920228 US 5473584 19920309 US AA PRIORITY (PATENT) JP 9250328 A 19920309 US 5473584 Ρ 19920326 US AA PRIORITY (PATENT) JP 9268031 A 19920326 US 5473584 Р 19920430 US AA PRIORITY (PATENT) JP 92111176 A 19920430 US 5473584 PRIORITY (PATENT) Ρ 19920722 US AA JP 92194450 A 19920722 US 5473584 Ρ 19920925 US AA PRIORITY (PATENT) JP 92280874 A 19920925 US 5473584 Ρ 19930121 US AA PRIORITY (PATENT) 19930121 JP 938596 A US 5473584 Ρ 19930127 US AA PRIORITY US 9709 A2 19930127 US 5473584 Ρ 19930325 US AA PRIORITY (PATENT) JP 9392219 A 19930325 US 5473584 Р 19930409 US AA PRIORITY (PATENT) JP 93107423 A 19930409 US 5473584 P 19930727 US AA PRIORITY (PATENT) JP 93205682 A 19930727 US 5473584 Ρ 19931102 US AA PRIORITY (PATENT) JP 93297504 A 19931102 US 5473584 Р 19931119 US AA PRIORITY (PATENT) JP 93314114 A 19931119 US 5473584 19940121 US AA PRIORITY

US 184117 A2 19940121

JP 94104879 A

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PRIORITY (PATENT)

PRIORITY (PATENT)

19940418

19940707

19940418 US AA

19940707 US AA

US 5473584

US 5473584

US	5473584	P	19940727 US AE APPLICATION DATA (PATENT) (APPL. DATA (PATENT)) US 281337 A 19940727
US	5473584	P	19941207 US ASO2 ASSIGNMENT OF ASSIGNOR'S INTEREST
			MATSUSHITA ELECTRIC IDNUSTRIAL CO., LTD.
			1006, OAZA KADOMA KADOMA-SHI, OSAKA, JA ;
LIC	E 472604	D	OSHIMA, MITSUAKI : 19940906 19951205 US A PATENT
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US	5526328	Р	19940121 US AE APPLICATION DATA (PATENT) (APPL: DATA (PATENT))
			US 184117 A 19940121
US	5526328	P	19940822 US AS02 ASSIGNMENT OF ASSIGNOR'S
			INTEREST
			MITSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, OAZA KADOMA, KADOMA-SHI OSAKA, JA ;
			OSHIMA, MITSUAKI : 19940317; SHIMIZU, RYOSUKE
			: 19940317; KOUDO, TOSHIKAZU : 19940317;
			YOSHIURA, TSUKASA : 19940317; MAT : 19940317;
US	5526328	Р	
			MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. KADOMA-SHI 1006, OAZA KADOMA OSAKA, JAP ;
			OSHIMA, MITSUAKI : 19940317; SHIMIZU, RYOSUKE
			: 19940317; KOUDO, TOSHIKAZU : 19940317;
	5505000	_	YOSHIURA, TSUKASA: 19940317; MAT: 19940317;
	5526328 5555275	P P	19960611 US A PATENT 19910327 US AA PRIORITY (PATENT)
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US	5555275	P	19910425 US AA PRIORITY (PATENT)
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US	5555275	Р	19910529 US AA PRIORITY (PATENT)
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US	5555275	P	19950405 US AE APPLICATION DATA (PATENT)
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US 5805551 P 19970425 US AE
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                        US 845794 A 19970425
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                        WO 94JP2304 W 19941228
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                        US 507495 A 19950828
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                        INTEREST
                        MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006
                        OAZA KADOMA, KADOMA-SHI OSAKA 571, ; UENO,
                        FUMIAKI: 19950801; OSHIMA, MITSUAKI:
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                                     ASSIGNMENT OF ASSIGNOR'S
                        INTEREST
                        MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
                        1006, OAZA KADOMA, KADOMA-SHI OSAKA, JA;
                        OSHIMA, MITSUAKI : 19930413
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US 5881038
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                  19940418 US AA
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                  19950418 US AE
                                       APPLICATION DATA (PATENT)
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                        US 423668 A 19950418
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                                      ASSIGNMENT OF ASSIGNOR'S
                        INTEREST
                        MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006
                        OAZA KADOMA KADOMA-SHI, OSAKA 571, ; OSHIMA,
                        MITSUAKI : 19950412; GOTOH, YOSHIHO :
                        19950412
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US 5892879
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JP 9267934 A
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		INTEREST	
		MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	
		1006, KADOMA OSAKA, JAPAN 571 ; OSHIMA,	
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			OAZA KADOMA, KADOMA-SHI OSAKA, JAP ; OSHIMA, MITSUAKI : 19960220; GOTOH, YOSHIHO :
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 Applic (No, Kind, Date): US 475228 A 19991230
 National Class: * 705057000
 IPC: * G06F-017/60
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 Language of Document: English
Patent (No, Kind, Date): US 20020080285 AA 20020627
 COMMUNICATION SYSTEM (English)
 Patent Assignee: OSHIMA MITSUAKI (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP)
 Priority (No, Kind, Date): US 741336 A 20001221; JP 9267934 A
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 Applic (No, Kind, Date): US 741336 A
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 JAPIO Reference No: * 180486E000144
 Language of Document: English
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 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 81944 A 20020220; JP 95261247 A
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   Al 19991116; US 649411 Al 19960516
 Applic (No, Kind, Date): US 81944 A 20020220
 Addnl Info: 6285763 Patented; 6052465 Patented
 National Class: * 380201000
 IPC: * H04N-007/167
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: English
Patent (No, Kind, Date): US 6175629 BA 20010116
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
   REPRODUCTION APPARATUS, A MARKING FORMING APPARATUS, A METHOD OF
   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
   SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
 Priority (No, Kind, Date): US 441357 A 19991116; JP 95261247 A
   19951009; JP 968910 A 19960123; US 649411 A1 19960516
 Applic (No, Kind, Date): US 441357 A 19991116
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 Language of Document: English
Patent (No, Kind, Date): US 6208736 BA 20010327
 OPTICAL DISK, AN OPTICAL DISK BARCODE FORMING METHOD, AN OPTICAL DISK
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   FORMING A LASER MARKING ON AN OPTICAL DISK, AND A METHOD OF
   MANUFACTURING AN OPTICAL DISK (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (US)
 Author (Inventor): GOTOH YOSHIHO (JP); OSHIMA MITSUAKI (JP); TANAKA
    SHINICHI (JP); KOISHI KENJI (JP); MORIYA MITSURO (JP)
  Priority (No, Kind, Date): US 441021 A 19991116; JP 95261247 A
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G 00-589077; G 00-589078; G 00-595507; G 01-063437; G 01-063438;
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 Applic (No, Kind, Date): JP 99373897 A 19961008
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 Applic (No, Kind, Date): JP 99373899 A 19960810
             G11B-007/007; G06F-012/14;
 IPC:
                                           G11B-019/04;
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 Language of Document: Japanese
Patent (No, Kind, Date): JP 3209222 B2 20010917
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 Priority (No, Kind, Date):
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 Applic (No, Kind, Date): JP 99373902 A 19960810
 IPC: * G11B-007/007; G06F-012/14; G11B-020/10
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): JP 3225035 B2 20011105
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Patent (No, Kind, Date): JP 3225036 B2 20011105
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Patent (No, Kind, Date): JP 3231035 B2 20011119
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     H04N-007/081
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                              G11B-007/004; G11B-007/007; G11B-007/24;
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   Priority (No, Kind, Date): JP 9479432 A 19940325; JP 9366461 A
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KOREA, REPUBLIC (KR)
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   COMMUNICATION SYSTEM (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): MITSUAKI OSHIMA (JP)
                                              19930325; JP 93132984 A
   Priority (No, Kind, Date): JP 9366461 A
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI; USHIGOME HISASHI
   Priority (No, Kind, Date): JP 938596 A
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   Author (Inventor): OSHIMA MITSUAKI; KOMODA HIDEAKI; USHIGOME HISASHI
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): GOTOH YOSHIBO; OSHIMAI MITSUAKI; TANAKA SHINICHI;
     KOISHI KENJI; MORIYA MITSURO
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   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): US 281337 A 19940727; JP 9213809 A
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                        OSHIMA MITZAKI (JP); SHIMIZ RYOOSKI (JP); KOUDO
   Author (Inventor):
                 (JP); YOSHIHURA SKASHA (JP); MASURA TAKUMI (JP); DANAKA
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     MICHIRO (JP); DAN SADOSHI (JP)
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   Author (Inventor): OSIMA MITSUAKI (JP)
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    Patent Assignee: MATSUSITA ELECTRIC IND K K (JP)
   Author (Inventor): OOSIMA MITSUAKI (JP)
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    Patent Assignee: MATSUSHITA ELECTRIC IND K K (JP)
   Author (Inventor): OSHIMA MITSUAKI (JP)
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  Patent (No, Kind, Date): SG 5400982 Al 19981221
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    Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
   Author (Inventor): OSHIMA MITSUAKI; SHIMIZU RYOSUKE; KOUDO TOSHIKAZU;
      YOSHIURA TSUKASA; MATSUURA TAKUMI; TANAKA MITIRO; TAN SATOSHI
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пс	20020073038	P	PUBLICATION (PRE-GRANT) 19951009 US AA PRIORITY (PATENT)
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US	20020073038	Р	19970609 US AA PRIORITY (CONTINUATION)
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                                             PRIORITY (PATENT)
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                                             APPLICATION DATA (PATENT)
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                             US 81944 A
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WORLD INTELLECTUAL PROPERTY ORGANIZATION, PCT (WO)
  Patent (No, Kind, Date): WO 9518443 Al 19950706
   OPTICAL RECORDING MEDIUM, REPRODUCTION APPARATUS OF OPTICAL DISK,
     REPRODUCTION METHOD OF OPTICAL DISK, PRODUCTION METHOD OF ORIGINAL
     DISK OF OPTICAL DISK, AND ILLEGAL PROGRAM OPERATION STOP METHOD
     (English)
   Patent Assignee:
                      MATSUSHITA ELECTRIC IND CO LTD (JP); UENO FUMIAKI
      (JP); OSHIMA MITSUAKI (JP)
   Author (Inventor): UENO FUMIAKI (JP); OSHIMA MITSUAKI (JP)
   Priority (No, Kind, Date): JP 93335165 A 19931228; JP 9422191 A
      19940120; JP 94104879 A 19940418; JP 94156089 A 19940707; JP
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   Applic (No, Kind, Date): WO 94JP2304 A
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     DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
   Filing Details: WO 100000 With international search report
               G11B-007/007;
                              G11B-020/12; G11B-013/04;
                                                           G11B-007/00;
   IPC:
     G11B-007/26; G11B-019/06; G11B-020/14; G11B-020/10
   Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
     01-018026; G 95-246541
   Language of Document: Japanese
  Patent (No, Kind, Date): WO 9528704 Al 19951026
   METHOD AND APPARATUS FOR PREVENTING ILLEGAL COPYING AND ILLEGAL
     INSTALLATION OF INFORMATION ON OPTICAL RECORDING MEDIUM (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI; GOTOH YOSHIHO
   Priority (No, Kind, Date): JP 94104879 A 19940418; JP 94283415 A
                                  19941228; JP 9515318 A
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   Applic (No, Kind, Date): WO 95JP760 A
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     ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
   Filing Details: WO 120000
                                  With international search report; With
     amended claims and statement
   IPC: * G11B-007/00; G11B-020/10; G11B-023/30; G11B-013/04; G11B-019/06
     ; G11B-007/09
   Derwent WPI Acc No: * G 95-116722; G 95-246541; G 95-373939; G
     96-268785; G 01-018026; G 95-373939
   Language of Document: Japanese
  Patent (No, Kind, Date): WO 9616401 Al 19960530
   MARKING GENERATING APPARATUS, METHOD OF FORMING LASER MARKING ON
     OPTICAL DISK, REPRODUCING APPARATUS, OPTICAL DISK AND OPTICAL DISK
     PRODUCING METHOD (English)
   Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP)
   Author (Inventor): OSHIMA MITSUAKI; GOTOH YOSHIHO
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 Priority (No, Kind, Date):
   19950202; JP 95261247 A 19951009
 Applic (No, Kind, Date): WO 95JP2339 A
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 Designated States: (National) CN; JP; KR; MX (Regional) AT; BE; CH;
   DE; DK; ES; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
 Filing Details: WO 100000 With international search report
       G11B-007/00; G11B-020/10; G11B-007/26; G11B-020/12
 Derwent WPI Acc No: * G 95-373939; G 96-268785; G 97-236117; G
   97-236119; G 96-268785
 Language of Document: Japanese
Patent (No, Kind, Date): WO 9714144 Al 19970417
 OPTICAL DISK, OPTICAL RECORDER, OPTICAL REPRODUCING DEVICE, ENCRYPTED
   COMMUNICATION SYSTEM, AND AUTHORIZING SYSTEM FOR USE OF PROGRAM
    (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP); OSHIMA MITSUAKI
      (JP); GOTOH YOSHIHO (JP); TANAKA SHINICHI (JP); KOISHI KENJI
    (JP); MORIYA MITSUROU (JP); TAKEMURA YOSHINARI
                                                   (JP)
 Author (Inventor): OSHIMA MITSUAKI (JP); GOTOH YOSHIHO (JP); TANAKA
              (JP); KOISHI KENJI (JP); MORIYA MITSUROU (JP); TAKEMURA
    SHINICHI
              (JP)
   YOSHINARI
                           JP 95261247
 Priority (No, Kind, Date):
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   19960123; JP 96211304 A
                            19960809
 Applic (No, Kind, Date): WO 96JP2924 A
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   DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
 Filing Details: WO 100000 With international search report
 IPC: * G11B-007/00; G11B-020/10; G06F-012/14; G06F-009/06
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119; G
   97-236117
 Language of Document: Japanese
Patent (No, Kind, Date): WO 9714146 Al 19970417
 OPTICAL DISK, BAR CODE FORMATION METHOD FOR OPTICAL DISK, OPTICAL DISK
   REPRODUCTION APPARATUS, AND MARKING METHOD, LASER MARKING METHOD FOR OPTICAL DISK, AND METHOD OF OPTICAL DISK PRODUCTION (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD
                                                  (JP)
 Author (Inventor): GOTOH YOSHIHO; OSHIMA MITSUAKI; TANAKA SHINICHI;
   KOISHI KENJI; MORIYA MITSURO
 Priority (No, Kind, Date):
                           JP 95261247
                                          Α
                                               19951009; JP 968910 A
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 Applic (No, Kind, Date): WO 96JP1303 A
                                         19960515
 Designated States: (National) CN; JP; KR; MX; SG; VN (Regional) AT;
   BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE
 Filing Details: WO 100000 With international search report
       G11B-007/24; G11B-007/00; G06K-019/00; G11B-020/10; G11B-023/38
 Derwent WPI Acc No: * G 96-268785; G 97-236117; G 97-236119; G
    97-236119
 Language of Document: Japanese
Patent (No, Kind, Date): WO 9827553 Al 19980625
          DISK, METHOD FOR RECORDING AND REPRODUCING WRITE-ONCE
    INFORMATION ON AND FROM OPTICAL DISK, OPTICAL DISK REPRODUCING
   DEVICE, OPTICAL DISK RECORDING AND REPRODUCING DEVICE, DEVICE FOR
   RECORDING WRITE-ONCE INFORMATION ON OPTICAL DISK, AND OPTICAL DISK
   RECORDING DEVICE (English)
 Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (JP); OSHIMA MITSUAKI
       (JP); KONISHI SHINICHI (JP); TANAKA SHIN ICHI (JP); KOISHI KENJI
        (JP); MORIYA MITSUROU (JP); GOTOH YOSHIHO
                                                       (JP); TAKEMURA
   YOSHINARI (JP); MIYATAKE NORIO (JP); MURAKAMI MOTOYOSHI (JP)
 Author (Inventor): OSHIMA MITSUAKI
                                         (JP); KONISHI SHINICHI
    TANAKA SHIN-ICHI (JP); KOISHI KENJI (JP); MORIYA MITSUROU
                                                                  (JP);
    GOTOH YOSHIHO (JP); TAKEMURA YOSHINARI (JP); MIYATAKE NORIO (JP);
   MURAKAMI MOTOYOSHI (JP)
                             JP 96339304
                                          A 19961219; JP 979318 A
  Priority (No, Kind, Date):
    19970122; JP 97259110 A
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  Applic (No, Kind, Date): WO 97JP4664 A
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  Designated States: (National) CN; KR; US
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                                 With international search report; With
  Filing Details: WO 120000
    amended claims and statement
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IPC: * G11B-011/10; G11B-007/00; G06F-012/14

Derwent WPI Acc No: * G 98-363034; G 98-363034

Language of Document: Japanese